

# Michael Hoy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11628302/publications.pdf>

Version: 2024-02-01

15  
papers

583  
citations

1478505

6  
h-index

1872680

6  
g-index

16  
all docs

16  
docs citations

16  
times ranked

564  
citing authors

#	ARTICLE	IF	CITATIONS
1	Safe cooperative navigation of multiple wheeled robots in unknown steady environments with obstacles. , 2016, , 283-311.		0
2	Survey of algorithms for safe navigation of mobile robots in complex environments. , 2016, , 21-49.		6
3	Shortest path algorithm for navigation of wheeled mobile robots among steady obstacles. , 2016, , 51-61.		1
4	Algorithms for collision-free navigation of mobile robots in complex cluttered environments: a survey. Robotica, 2015, 33, 463-497.	1.9	363
5	Real-time kinematic navigation of a mobile robot among moving obstacles with guaranteed global convergence. , 2014, , .		2
6	A Method of Boundary Following by a Wheeled Mobile Robot Based on Sampled Range Information. Journal of Intelligent and Robotic Systems: Theory and Applications, 2013, 72, 463-482.	3.4	13
7	Nonlinear sliding mode control of an unmanned agricultural tractor in the presence of sliding and control saturation. Robotics and Autonomous Systems, 2013, 61, 973-987.	5.1	76
8	Reactive and the shortest path navigation of a wheeled mobile robot in cluttered environments. Robotica, 2013, 31, 323-330.	1.9	65
9	Collision-free navigation of an autonomous unmanned helicopter in unknown urban environments: sliding mode and MPC approaches. Robotica, 2012, 30, 537-550.	1.9	13
10	Collision free cooperative navigation of multiple wheeled robots in unknown cluttered environments. Robotics and Autonomous Systems, 2012, 60, 1253-1266.	5.1	28
11	A method for border patrolling navigation of a mobile robot. , 2011, , .		4
12	Tangent graph based navigation of a non-holonomic mobile robot in cluttered environments. , 2011, , .		1
13	Robust cooperative navigation of multiple wheeled robots in unknown cluttered environments. , 2011, , .		2
14	Navigation of an unmanned helicopter in urban environments. , 2010, , .		1
15	Mixed nonlinear-sliding mode control of an unmanned farm tractor in the presence of sliding. , 2010, , .		8