

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