

Michael Bloesch

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11096599/publications.pdf>

Version: 2024-02-01

10
papers

2,108
citations

1937685

4
h-index

2272923

4
g-index

10
all docs

10
docs citations

10
times ranked

1759
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust visual inertial odometry using a direct EKF-based approach. , 2015, , .		481
2	ANYmal - a highly mobile and dynamic quadrupedal robot. , 2016, , .		481
3	Iterated extended Kalman filter based visual-inertial odometry using direct photometric feedback. International Journal of Robotics Research, 2017, 36, 1053-1072.	8.5	302
4	Kinect v2 for mobile robot navigation: Evaluation and modeling. , 2015, , .		195
5	STARLETH: A COMPLIANT QUADRUPEDAL ROBOT FOR FAST, EFFICIENT, AND VERSATILE LOCOMOTION. , 2012, , 483-490.		174
6	Probabilistic Terrain Mapping for Mobile Robots With Uncertain Localization. IEEE Robotics and Automation Letters, 2018, 3, 3019-3026.	5.1	151
7	Quadrupedal locomotion using hierarchical operational space control. International Journal of Robotics Research, 2014, 33, 1047-1062.	8.5	108
8	Practice Makes Perfect: An Optimization-Based Approach to Controlling Agile Motions for a Quadruped Robot. IEEE Robotics and Automation Magazine, 2016, 23, 34-43.	2.0	90
9	State estimation for legged robots on unstable and slippery terrain. , 2013, , .		84
10	Dynamic trotting on slopes for quadrupedal robots. , 2015, , .		42