

Gabe Sibley

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11477355/publications.pdf>

Version: 2024-02-01

17
papers

984
citations

1040056

9
h-index

1372567

10
g-index

18
all docs

18
docs citations

18
times ranked

740
citing authors

#	ARTICLE	IF	CITATIONS
1	Sliding window filter with application to planetary landing. Journal of Field Robotics, 2010, 27, 587-608.	6.0	181
2	RSLAM: A System for Large-Scale Mapping in Constant-Time Using Stereo. International Journal of Computer Vision, 2011, 94, 198-214.	15.6	159
3	Continuous-time batch estimation using temporal basis functions. , 2012, , .		145
4	Vast-scale Outdoor Navigation Using Adaptive Relative Bundle Adjustment. International Journal of Robotics Research, 2010, 29, 958-980.	8.5	138
5	A Spline-Based Trajectory Representation for Sensor Fusion and Rolling Shutter Cameras. International Journal of Computer Vision, 2015, 113, 208-219.	15.6	74
6	Spline Fusion: A continuous-time representation for visual-inertial fusion with application to rolling shutter cameras. , 2013, , .		72
7	Continuous-time batch trajectory estimation using temporal basis functions. International Journal of Robotics Research, 2015, 34, 1688-1710.	8.5	49
8	Incremental unsupervised topological place discovery. , 2014, , .		23
9	Real-time bounded-error pose estimation for road vehicles using vision. , 2010, , .		22
10	MOARSLAM: Multiple Operator Augmented RSLAM. Springer Tracts in Advanced Robotics, 2016, , 119-132.	0.4	21
11	Online SLAM with any-time self-calibration and automatic change detection. , 2015, , .		15
12	A Sliding Window Filter for Incremental SLAM. Lecture Notes in Electrical Engineering, 2008, , 103-112.	0.4	15
13	Planes, trains and automobiles — autonomy for the modern robot. , 2010, , .		13
14	Simultaneous localization, mapping, and manipulation for unsupervised object discovery. , 2015, , .		13
15	Asynchronous adaptive conditioning for visual—inertial SLAM. International Journal of Robotics Research, 2015, 34, 1573-1589.	8.5	11
16	Scalable Multirobot Localization and Mapping with Relative Maps: Introducing MOARSLAM. IEEE Control Systems, 2016, 36, 75-85.	0.8	11
17	Constant-time monocular self-calibration. , 2014, , .		10