Hordur Johannsson

List of Publications by Year
in descending order

12 papers	2,115 citations	1937685 4 h-index	2272923 4 g-index
13 all docs	13 docs citations	13 times ranked	1719 citing authors

#	Article	IF	Citations
1	iSAM2: Incremental smoothing and mapping using the Bayes tree. International Journal of Robotics Research, 2012, 31, 216-235.	8.5	820
2	Real-time large-scale dense RGB-D SLAM with volumetric fusion. International Journal of Robotics Research, 2015, 34, 598-626.	8.5	313
3	Robust real-time visual odometry for dense RGB-D mapping. , 2013, , .		242
4	Advanced perception, navigation and planning for autonomous in-water ship hull inspection. International Journal of Robotics Research, 2012, 31, 1445-1464.	8.5	201
5	iSAM2: Incremental smoothing and mapping with fluid relinearization and incremental variable reordering. , 2011, , .		135
6	Imaging sonar-aided navigation for autonomous underwater harbor surveillance. , 2010, , .		126
7	Efficient AUV navigation fusing acoustic ranging and side-scan sonar. , 2011, , .		73
8	Temporally scalable visual SLAM using a reduced pose graph. , 2013, , .		72
9	Efficient scene simulation for robust monte carlo localization using an RGB-D camera. , 2012, , .		49
10	The MIT Stata Center dataset. International Journal of Robotics Research, 2013, 32, 1695-1699.	8.5	46
11	Sensor fusion for flexible human-portable building-scale mapping. , 2012, , .		34
12	Simultaneous Localization and Mapping in Marine Environments. , 2013, , 329-372.		2