JÃ¼rgen Sturm

List of Publications by Year
in descending order

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18 papers	4,384 citations	2258059 3 h-index	2550090 3 g-index
18 all docs	18 docs citations	18 times ranked	3016 citing authors

#	Article	IF	Citations
1	Volumetric 3D mapping in real-time on a CPU. , 2014, , .		110
2	Scale-aware navigation of a low-cost quadrocopter with a monocular camera. Robotics and Autonomous Systems, 2014, 62, 1646-1656.	5.1	172
3	Robust odometry estimation for RGB-D cameras. , 2013, , .		388
4	A generalized framework for opening doors and drawers in kitchen environments. , 2012, , .		51
5	A benchmark for the evaluation of RGB-D SLAM systems. , 2012, , .		2,188
6	Real-time human motion tracking using multiple depth cameras. , 2012, , .		62
7	An evaluation of the RGB-D SLAM system. , 2012, , .		493
8	Camera-based navigation of a low-cost quadrocopter. , 2012, , .		238
9	Real-time visual odometry from dense RGB-D images. , 2011, , .		238
10	Tactile Sensing for Mobile Manipulation. IEEE Transactions on Robotics, 2011, 27, 558-568.	10.3	93
11	Tactile object class and internal state recognition for mobile manipulation. , 2010, , .		44
12	Operating articulated objects based on experience. , 2010, , .		30
13	Vision-based detection for learning articulation models of cabinet doors and drawers in household environments. , 2010, , .		24
14	Regression-based online situation recognition for vehicular traffic scenarios. , 2009, , .		6
15	Object identification with tactile sensors using bag-of-features. , 2009, , .		156
16	Imitation learning with generalized task descriptions. , 2009, , .		25
17	Body schema learning for robotic manipulators from visual self-perception. Journal of Physiology (Paris), 2009, 103, 220-231.	2.1	43
18	Unsupervised body scheme learning through self-perception. , 2008, , .		23