

Nikolas Trawny

List of Publications by Year in descending order

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13
papers

577
citations

1937685

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2272923

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13
all docs

13
docs citations

13
times ranked

507
citing authors

#	ARTICLE	IF	CITATIONS
1	Vision-Aided Inertial Navigation for Spacecraft Entry, Descent, and Landing. IEEE Transactions on Robotics, 2009, 25, 264-280.	10.3	278
2	Observability-based consistent EKF estimators for multi-robot cooperative localization. Autonomous Robots, 2011, 30, 99-122.	4.8	78
3	Interrobot Transformations in 3-D. IEEE Transactions on Robotics, 2010, 26, 226-243.	10.3	51
4	Cooperative multi-robot localization under communication constraints. , 2009, , .		50
5	Real-Time Terrain Relative Navigation Test Results from a Relevant Environment for Mars Landing. , 2015, , .		33
6	On the global optimum of planar, range-based robot-to-robot relative pose estimation. , 2010, , .		20
7	Flight testing of terrain-relative navigation and large-divert guidance on a VTVL rocket. , 2015, , .		17
8	A Bank of Maximum <i>A Posteriori</i> (MAP) Estimators for Target Tracking. IEEE Transactions on Robotics, 2015, 31, 85-103.	10.3	15
9	3D relative pose estimation from distance-only measurements. , 2007, , .		9
10	A Terrain Relative Navigation sensor enabled by multi-core processing. , 2012, , .		9
11	A bank of maximum a posteriori estimators for single-sensor range-only target tracking. , 2010, , .		8
12	Bearing-only target tracking using a bank of MAP estimators. , 2011, , .		6
13	GN&C Subsystem Concept for Safe Precision Landing of the Proposed Lunar MARE Robotic Science Mission. , 2016, , .		3