

Viorela Ila

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11646656/publications.pdf>

Version: 2024-02-01

14
papers

1,407
citations

1684188

5
h-index

1872680

6
g-index

14
all docs

14
docs citations

14
times ranked

1031
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	Information-Based Compact Pose SLAM. IEEE Transactions on Robotics, 2010, 26, 78-93.	10.3	146
3	iSAM2: Incremental smoothing and mapping with fluid relinearization and incremental variable reordering. , 2011, , .		135
4	SLAM++-A highly efficient and temporally scalable incremental SLAM framework. International Journal of Robotics Research, 2017, 36, 210-230.	8.5	63
5	3D reconstruction of underwater structures. , 2010, , .		59
6	The Bayes Tree: An Algorithmic Foundation for Probabilistic Robot Mapping. Springer Tracts in Advanced Robotics, 2010, , 157-173.	0.4	52
7	Subgraph-preconditioned conjugate gradients for large scale SLAM. , 2010, , .		41
8	Incremental Block Cholesky Factorization for Nonlinear Least Squares in Robotics. , 0, , .		22
9	Fast covariance recovery in incremental nonlinear least square solvers. , 2015, , .		21
10	Vision-based loop closing for delayed state robot mapping. , 2007, , .		17
11	Efficient implementation for block matrix operations for nonlinear least squares problems in robotic applications. , 2013, , .		14
12	Mission-time 3D reconstruction with quality estimation. , 2017, , .		8
13	Amortized constant time state estimation in Pose SLAM and hierarchical SLAM using a mixed Kalman-information filter. Robotics and Autonomous Systems, 2011, 59, 310-318.	5.1	6
14	Incremental Cholesky Factorization for Least Squares Problems in Robotics. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 172-178.	0.4	3