

Martin Brossard

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

456
citations

1307594

7
h-index

1720034

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10
all docs

10
docs citations

10
times ranked

354
citing authors

#	ARTICLE	IF	CITATIONS
1	Associating Uncertainty to Extended Poses for on Lie Group IMU Preintegration With Rotating Earth. IEEE Transactions on Robotics, 2022, 38, 998-1015.	10.3	25
2	Denoising IMU Gyroscopes with Deep Learning for Open-Loop Attitude Estimation. IEEE Robotics and Automation Letters, 2020, , 1-1.	5.1	48
3	AI-IMU Dead-Reckoning. IEEE Transactions on Intelligent Vehicles, 2020, 5, 585-595.	12.7	143
4	A New Approach to 3D ICP Covariance Estimation. IEEE Robotics and Automation Letters, 2020, 5, 744-751.	5.1	34
5	Learning Wheel Odometry and IMU Errors for Localization. , 2019, , .		50
6	Exploiting Symmetries to Design EKFs With Consistency Properties for Navigation and SLAM. IEEE Sensors Journal, 2019, 19, 1572-1579.	4.7	37
7	Parallel multi-wavelength calibration algorithm for radio astronomical arrays. Signal Processing, 2018, 145, 258-271.	3.7	15
8	Invariant Kalman Filtering for Visual Inertial SLAM. , 2018, , .		40
9	Unscented Kalman filtering on Lie groups. , 2017, , .		53
10	Deconvolution of SWIR reflectance spectra for automatic mineral identification in hyperspectral imaging. Remote Sensing Letters, 2016, 7, 581-590.	1.4	11