

Alexander Schaefer

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

339
citations

1684188

5
h-index

1872680

6
g-index

10
all docs

10
docs citations

10
times ranked

349
citing authors

#	ARTICLE	IF	CITATIONS
1	Building an Aerial-Ground Robotics System for Precision Farming: An Adaptable Solution. IEEE Robotics and Automation Magazine, 2021, 28, 29-49.	2.0	45
2	On the Bayes Filter for Shared Autonomy. IEEE Robotics and Automation Letters, 2019, 4, 3286-3293.	5.1	1
3	Long-Term Urban Vehicle Localization Using Pole Landmarks Extracted from 3-D Lidar Scans. , 2019, , .		46
4	A Maximum Likelihood Approach to Extract Finite Planes from 3-D Laser Scans. , 2019, , .		5
5	DCT Maps: Compact Differentiable Lidar Maps Based on the Cosine Transform. IEEE Robotics and Automation Letters, 2018, 3, 1002-1009.	5.1	6
6	Detecting Changes in the Environment Based on Full Posterior Distributions Over Real-Valued Grid Maps. IEEE Robotics and Automation Letters, 2018, 3, 1299-1305.	5.1	7
7	A Maximum Likelihood Approach to Extract Polylines from 2-D Laser Range Scans. , 2018, , .		9
8	An Analytical Lidar Sensor Model Based on Ray Path Information. IEEE Robotics and Automation Letters, 2017, 2, 1405-1412.	5.1	19
9	Agricultural robot dataset for plant classification, localization and mapping on sugar beet fields. International Journal of Robotics Research, 2017, 36, 1045-1052.	8.5	195
10	Closed-form full map posteriors for robot localization with lidar sensors. , 2017, , .		6