

Thien-Minh Nguyen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22

papers

206

citations

8

h-index

13

g-index

23

ext. papers

356

ext. citations

4.4

avg, IF

3.93

L-index

#	Paper	IF	Citations
22	Flexible and Resource-Efficient Multi-Robot Collaborative Visual-Inertial-Range Localization. <i>IEEE Robotics and Automation Letters</i> , 2022 , 7, 928-935	4.2	3
21	Distributed multi-robot sweep coverage for a region with unknown workload distribution. <i>Autonomous Intelligent Systems</i> , 2021 , 1, 1		
20	MILIOM: Tightly Coupled Multi-Input Lidar-Inertia Odometry and Mapping. <i>IEEE Robotics and Automation Letters</i> , 2021 , 6, 5573-5580	4.2	7
19	Range-Focused Fusion of Camera-IMU-UWB for Accurate and Drift-Reduced Localization. <i>IEEE Robotics and Automation Letters</i> , 2021 , 6, 1678-1685	4.2	16
18	VIRAL-Fusion: A Visual-Inertial-Ranging-Lidar Sensor Fusion Approach. <i>IEEE Transactions on Robotics</i> , 2021 , 1-20	6.5	6
17	Graph Optimization Approach to Range-Based Localization. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-12	7.3	8
16	Persistently Excited Adaptive Relative Localization and Time-Varying Formation of Robot Swarms. <i>IEEE Transactions on Robotics</i> , 2020 , 36, 553-560	6.5	11
15	Tightly-Coupled Single-Anchor Ultra-wideband-Aided Monocular Visual Odometry System 2020 ,		6
14	Tightly-coupled ultra-wideband-aided monocular visual SLAM with degenerate anchor configurations. <i>Autonomous Robots</i> , 2020 , 44, 1519-1534	3	7
13	Single Landmark Distance-Based Navigation. <i>IEEE Transactions on Control Systems Technology</i> , 2020 , 28, 2021-2028	4.8	15
12	Loosely-Coupled Ultra-wideband-Aided Scale Correction for Monocular Visual Odometry. <i>Unmanned Systems</i> , 2020 , 08, 179-190	3	7
11	Integrated UWB-Vision Approach for Autonomous Docking of UAVs in GPS-denied Environments 2019 ,		14
10	Distance-Based Cooperative Relative Localization for Leader-Following Control of MAVs. <i>IEEE Robotics and Automation Letters</i> , 2019 , 4, 3641-3648	4.2	18
9	An Integrated Localization-Navigation Scheme for Distance-Based Docking of UAVs 2018 ,		12
8	Least-square based recursive optimization for distance-based source localization 2018 ,		2
7	Model-free Approach for Sensor Network Localization with Noisy Distance Measurement 2018 ,		4
6	Post-Mission Autonomous Return and Precision Landing of UAV 2018 ,		7

5	Correlation Flow: Robust Optical Flow Using Kernel Cross-Correlators 2018 ,	7
4	Robust Target-Relative Localization with Ultra-Wideband Ranging and Communication 2018 ,	17
3	Barrier coverage by heterogeneous sensor network with input saturation 2017 ,	4
2	Ultra-wideband aided fast localization and mapping system 2017 ,	28
1	NTU VIRAL: A visual-inertial-ranging-lidar dataset, from an aerial vehicle viewpoint. <i>International Journal of Robotics Research</i> ,027836492110523	5-7 5