

Weikun Zhen

List of Publications by Year in descending order

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Version: 2024-02-01

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citing authors

#	ARTICLE	IF	CITATIONS
1	Unified Representation of Geometric Primitives for Graph-SLAM Optimization Using Decomposed Quadrics. , 2022, , .		4
2	ORStereo: Occlusion-Aware Recurrent Stereo Matching for 4K-Resolution Images. , 2021, , .		2
3	Deep-Learning Assisted High-Resolution Binocular Stereo Depth Reconstruction. , 2020, , .		15
4	LiDAR-enhanced Structure-from-Motion. , 2020, , .		10
5	Line-Based 2-D \leftrightarrow 3-D Registration and Camera Localization in Structured Environments. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 8962-8972.	4.7	30
6	Feasibility of Discriminating UAV Propellers Noise from Distress Signals to Locate People in Enclosed Environments Using MEMS Microphone Arrays. Sensors, 2020, 20, 597.	3.8	4
7	Monocular Camera Localization in Prior LiDAR Maps with 2D-3D Line Correspondences. , 2020, , .		30
8	Estimating the Localizability in Tunnel-like Environments using LiDAR and UWB. , 2019, , .		43
9	A Joint Optimization Approach of LiDAR-Camera Fusion for Accurate Dense 3-D Reconstructions. IEEE Robotics and Automation Letters, 2019, 4, 3585-3592.	5.1	39
10	Locomotive reduction for snake robots. , 2015, , .		13
11	Modeling rolling gaits of a snake robot. , 2015, , .		16