

Weikun Zhen

List of Publications by Year in descending order

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11
papers

206
citations

2258059

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h-index

2550090

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11
all docs

11
docs citations

11
times ranked

173
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating the Localizability in Tunnel-like Environments using LiDAR and UWB. , 2019, , .		43
2	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
3	Line-Based 2-Dâ€“3-D Registration and Camera Localization in Structured Environments. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 8962-8972.	4.7	30
4	Monocular Camera Localization in Prior LiDAR Maps with 2D-3D Line Correspondences. , 2020, , .		30
5	Modeling rolling gaits of a snake robot. , 2015, , .		16
6	Deep-Learning Assisted High-Resolution Binocular Stereo Depth Reconstruction. , 2020, , .		15
7	Locomotive reduction for snake robots. , 2015, , .		13
8	LiDAR-enhanced Structure-from-Motion. , 2020, , .		10
9	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
10	Unified Representation of Geometric Primitives for Graph-SLAM Optimization Using Decomposed Quadrics. , 2022, , .		4
11	ORStereo: Occlusion-Aware Recurrent Stereo Matching for 4K-Resolution Images. , 2021, , .		2