Xibin Song

List of Publications by Year
in descending order

13 papers	327 citations	1478505 6 h-index	1474206 9 g-index
13 all docs	13 docs citations	13 times ranked	225 citing authors

#	Article	IF	Citations
1	A Representation Separation Perspective to Correspondence-Free Unsupervised 3-D Point Cloud Registration. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	1
2	Context-Aware 3D Object Detection From a Single Image in Autonomous Driving. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 18568-18580.	8.0	5
3	DiT-SLAM: Real-Time Dense Visual-Inertial SLAM with Implicit Depth Representation and Tightly-Coupled Graph Optimization. Sensors, 2022, 22, 3389.	3.8	3
4	Chicken Image Segmentation via Multi-Scale Attention-Based Deep Convolutional Neural Network. IEEE Access, 2021, 9, 61398-61407.	4.2	7
5	MLDA-Net: Multi-Level Dual Attention-Based Network for Self-Supervised Monocular Depth Estimation. IEEE Transactions on Image Processing, 2021, 30, 4691-4705.	9.8	27
6	Optimization-Based Framework for Excavation Trajectory Generation. IEEE Robotics and Automation Letters, 2021, 6, 1479-1486.	5.1	29
7	An autonomous excavator system for material loading tasks. Science Robotics, 2021, 6, .	17.6	54
8	MapFusion: A General Framework for 3D Object Detection with HDMaps. , 2021, , .		7
9	Channel Attention Based Iterative Residual Learning for Depth Map Super-Resolution. , 2020, , .		52
10	ApolloCar3D: A Large 3D Car Instance Understanding Benchmark for Autonomous Driving. , 2019, , .		89
11	Deeply Supervised Depth Map Super-Resolution as Novel View Synthesis. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2323-2336.	8.3	32
12	Edge-guided depth map enhancement. , 2016, , .		2
13	Estimation of Kinect depth confidence through self-training. Visual Computer, 2014, 30, 855-865.	3.5	19