

Dong-Geol Choi

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

359
citations

1040056

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h-index

1474206

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17
docs citations

17
times ranked

439
citing authors

#	ARTICLE	IF	CITATIONS
1	Robot System of DRC-HUBO+ and Control Strategy of Team KAIST in DARPA Robotics Challenge Finals. Journal of Field Robotics, 2017, 34, 802-829.	6.0	96
2	Capturing Village-level Heritages with a Hand-held Camera-Laser Fusion Sensor. International Journal of Computer Vision, 2011, 94, 36-53.	15.6	52
3	Real-time head pose estimation using multi-task deep neural network. Robotics and Autonomous Systems, 2018, 103, 1-12.	5.1	49
4	An Autonomous Driving System for Unknown Environments Using a Unified Map. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 1999-2013.	8.0	40
5	Extrinsic Calibration of 2-D Lidars Using Two Orthogonal Planes. IEEE Transactions on Robotics, 2016, 32, 83-98.	10.3	38
6	Gradient-Based Camera Exposure Control for Outdoor Mobile Platforms. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1569-1583.	8.3	22
7	Extrinsic calibration of non-overlapping camera-laser system using structured environment. , 2014, , .		11
8	Extrinsic calibration of a camera and a 2D laser without overlap. Robotics and Autonomous Systems, 2016, 78, 17-28.	5.1	11
9	Sensor Fusion of Cameras and a Laser for City-Scale 3D Reconstruction. Sensors, 2014, 14, 20882-20909.	3.8	10
10	Structure-From-Motion in 3D Space Using 2D Lidars. Sensors, 2017, 17, 242.	3.8	10
11	Capturing city-level scenes with a synchronized camera-laser fusion sensor. , 2011, , .		7
12	Autonomous homing based on laser-camera fusion system. , 2012, , .		6
13	Extrinsic calibration of 2D laser sensors. , 2014, , .		5
14	Multi lidar system for fast obstacle detection. , 2012, , .		2
15	Robust Computer Vision Techniques for High-Quality 3D Modeling. , 2013, , .		0
16	Head pose-free gaze estimation using domain adaptation. Electronics Letters, 2021, 57, 618-620.	1.0	0
17	Capturing city-level scenes with a synchronized camera-laser fusion sensor. , 2011, , .		0