

Cheng Zhao

List of Publications by Year in descending order

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12
papers

282
citations

1307594

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h-index

1474206

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all docs

12
docs citations

12
times ranked

346
citing authors

#	ARTICLE	IF	CITATIONS
1	Visual-Assisted Probe Movement Guidance for Obstetric Ultrasound Scanning Using Landmark Retrieval. Lecture Notes in Computer Science, 2021, 12908, 670-679.	1.3	7
2	Monocular Teach-and-Repeat Navigation using a Deep Steering Network with Scale Estimation. , 2021, , .		3
3	Simultaneous Material Segmentation and 3D Reconstruction in Industrial Scenarios. Frontiers in Robotics and AI, 2020, 7, 52.	3.2	1
4	Generative Localization With Uncertainty Estimation Through Video-CT Data for Bronchoscopic Biopsy. IEEE Robotics and Automation Letters, 2020, 5, 258-265.	5.1	15
5	Learning Kalman Network: A deep monocular visual odometry for on-road driving. Robotics and Autonomous Systems, 2019, 121, 103234.	5.1	20
6	A Novel Weakly-Supervised Approach for RGB-D-Based Nuclear Waste Object Detection. IEEE Sensors Journal, 2019, 19, 3487-3500.	4.7	91
7	Learning Monocular Visual Odometry with Dense 3D Mapping from Dense 3D Flow. , 2018, , .		28
8	Dense RGB-D Semantic Mapping with Pixel-Voxel Neural Network. Sensors, 2018, 18, 3099.	3.8	18
9	Recurrent-OctoMap: Learning State-Based Map Refinement for Long-Term Semantic Mapping With 3-D-Lidar Data. IEEE Robotics and Automation Letters, 2018, 3, 3749-3756.	5.1	57
10	A fully end-to-end deep learning approach for real-time simultaneous 3D reconstruction and material recognition. , 2017, , .		21
11	Building a grid-semantic map for the navigation of service robots through human-robot interaction. Digital Communications and Networks, 2015, 1, 253-266.	5.0	15
12	Interactive indoor environment mapping through visual tracking of human skeleton. International Journal of Modelling, Identification and Control, 2013, 20, 319.	0.2	6