Peng Wang

List of Publications by Year
in descending order

13 papers	1,661 citations	2258059 3 h-index	2053705 5 g-index
13 all docs	13 docs citations	13 times ranked	1298 citing authors

#	Article	IF	Citations
1	The ApolloScape Open Dataset for Autonomous Driving and Its Application. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 2702-2719.	13.9	257
2	Towards unified depth and semantic prediction from a single image. , 2015, , .		253
3	MaskLab: Instance Segmentation by Refining Object Detection with Semantic and Direction Features. , 2018, , .		227
4	Occlusion Aware Unsupervised Learning of Optical Flow. , 2018, , .		205
5	Every Pixel Counts ++: Joint Learning of Geometry and Motion with 3D Holistic Understanding. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 2624-2641.	13.9	145
6	Learning Depth with Convolutional Spatial Propagation Network. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 2361-2379.	13.9	139
7	LEGO: Learning Edge with Geometry all at Once by Watching Videos. , 2018, , .		120
8	UnOS: Unified Unsupervised Optical-Flow and Stereo-Depth Estimation by Watching Videos. , 2019, , .		110
9	ApolloCar3D: A Large 3D Car Instance Understanding Benchmark for Autonomous Driving. , 2019, , .		89
10	Joint Object and Part Segmentation Using Deep Learned Potentials. , 2015, , .		74
11	DeLS-3D: Deep Localization and Segmentation with a 3D Semantic Map. , 2018, , .		35
12	Spatial-temporal 3D dependency matching with self-supervised deep learning for monocular visual sensing. Neurocomputing, 2022, 481, 11-21.	5.9	5
13	Improved real-time three-dimensional stereo matching with local consistency. Image and Vision Computing, 2022, 124, 104509.	4.5	2