Liuyuan Deng

List of Publications by Year
in descending order

14 papers	250 citations	1478505 6 h-index	1474206 9 g-index
14 all docs	14 docs citations	14 times ranked	193 citing authors

#	Article	IF	Citations
1	Gated-Residual Block for Semantic Segmentation Using RGB-D Data. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 11836-11844.	8.0	12
2	Neutral Cross-Entropy Loss Based Unsupervised Domain Adaptation for Semantic Segmentation. IEEE Transactions on Image Processing, 2021, 30, 4516-4525.	9.8	24
3	G2P: a new descriptor for pedestrian detection. Neural Computing and Applications, 2020, 32, 4665-4674.	5.6	3
4	Shadow Detection and Removal for Illumination Consistency on the Road. IEEE Transactions on Intelligent Vehicles, 2020, 5, 534-544.	12.7	20
5	Restricted Deformable Convolution-Based Road Scene Semantic Segmentation Using Surround View Cameras. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 4350-4362.	8.0	71
6	Fusing geometrical and visual information via superpoints for the semantic segmentation of 3D road scenes. Tsinghua Science and Technology, 2020, 25, 498-507.	6.1	12
7	Semantic Segmentation-Based Lane-Level Localization Using Around View Monitoring System. IEEE Sensors Journal, 2019, 19, 10077-10086.	4.7	21
8	A Terrain-Based Vehicle Localization Approach Robust to Braking. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 2923-2932.	8.0	4
9	CNN based semantic segmentation for urban traffic scenes using fisheye camera. , 2017, , .		70
10	Shadow detection and removal for illumination consistency on the road. , 2017, , .		6
11	G2P: A new descriptor for pedestrian detection. , 2017, , .		1
12	Stixel World Based Long-Term Object Tracking for Intelligent Driving. Communications in Computer and Information Science, 2017, , 113-118.	0.5	2
13	An extended probabilistic self-localization algorithm using hybrid maps. , 2014, , .		4
14	Semantic Segmentation-Based Road Marking Detection Using Around View Monitoring System. Journal of Shanghai Jiaotong University (Science), 0, , 1.	0.9	0