

Carlos Guindel

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

498
citations

1683934

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1474057

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19
all docs

19
docs citations

19
times ranked

404
citing authors

#	ARTICLE	IF	CITATIONS
1	The Tornado Project: An Automated Driving Demonstration in Peri-Urban and Rural Areas. IEEE Intelligent Transportation Systems Magazine, 2022, 14, 20-36.	2.6	2
2	Automatic Extrinsic Calibration Method for LiDAR and Camera Sensor Setups. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 17677-17689.	4.7	51
3	eHMI: Review and Guidelines for Deployment on Autonomous Vehicles. Sensors, 2021, 21, 2912.	2.1	32
4	Cycle and Semantic Consistent Adversarial Domain Adaptation for Reducing Simulation-to-Real Domain Shift in LiDAR Bird's Eye View. , 2021, , .		3
5	BirdNet+: Two-Stage 3D Object Detection in LiDAR Through a Sparsity-Invariant Bird's Eye View. IEEE Access, 2021, 9, 160299-160316.	2.6	6
6	Study of the Effect of Exploiting 3D Semantic Segmentation in LiDAR Odometry. Applied Sciences (Switzerland), 2020, 10, 5657.	1.3	0
7	Dataset Construction from Naturalistic Driving in Roundabouts. Sensors, 2020, 20, 7151.	2.1	3
8	BirdNet+: End-to-End 3D Object Detection in LiDAR Bird's Eye View. , 2020, , .		40
9	Towards Autonomous Driving: a Multi-Modal 360° Perception Proposal. , 2020, , .		9
10	A Method for Synthetic LiDAR Generation to Create Annotated Datasets for Autonomous Vehicles Perception. , 2019, , .		4
11	Traffic scene awareness for intelligent vehicles using ConvNets and stereo vision. Robotics and Autonomous Systems, 2019, 112, 109-122.	3.0	21
12	Modeling Traffic Scenes for Intelligent Vehicles Using CNN-Based Detection and Orientation Estimation. Advances in Intelligent Systems and Computing, 2018, , 487-498.	0.5	4
13	Stereo Vision-Based Convolutional Networks for Object Detection in Driving Environments. Lecture Notes in Computer Science, 2018, , 427-434.	1.0	1
14	BirdNet: A 3D Object Detection Framework from LiDAR Information. , 2018, , .		183
15	Analysis of the Influence of Training Data on Road User Detection. , 2018, , .		0
16	A Deep Analysis of the Existing Datasets for Traffic Light State Recognition. , 2018, , .		7
17	Fast Joint Object Detection and Viewpoint Estimation for Traffic Scene Understanding. IEEE Intelligent Transportation Systems Magazine, 2018, 10, 74-86.	2.6	24
18	Automatic extrinsic calibration for lidar-stereo vehicle sensor setups. , 2017, , .		93

#	ARTICLE	IF	CITATIONS
19	Joint object detection and viewpoint estimation using CNN features. , 2017, , .		15