Nicolas Scheiner

List of Publications by Year
in descending order

13 papers	272 citations	2682572 2 h-index	2550090 3 g-index
13 all docs	13 docs citations	13 times ranked	137 citing authors

#	Article	IF	Citations
1	New Challenges for Deep Neural Networks in Automotive Radar Perception. Proceedings, 2021, , 165-182.	0.3	3
2	Object detection for automotive radar point clouds â€" a comparison. AI Perspectives, 2021, 3, .	3.9	21
3	The Radar Ghost Dataset â€" An Evaluation of Ghost Objects in Automotive Radar Data. , 2021, , .		4
4	RadarScenes: A Real-World Radar Point Cloud Data Set for Automotive Applications. , 2021, , .		46
5	Off-the-shelf sensor vs. experimental radar - How much resolution is necessary in automotive radar classification?. , 2020, , .		17
6	Seeing Around Street Corners: Non-Line-of-Sight Detection and Tracking In-the-Wild Using Doppler Radar. , 2020, , .		64
7	Using Machine Learning to Detect Ghost Images in Automotive Radar. , 2020, , .		20
8	Automated Ground Truth Estimation of Vulnerable Road Users in Automotive Radar Data Using GNSS. , 2019, , .		10
9	Automated Ground Truth Estimation for Automotive Radar Tracking Applications With Portable GNSS And IMU Devices. , 2019, , .		9
10	Radar-based Road User Classification and Novelty Detection with Recurrent Neural Network Ensembles. , 2019, , .		21
11	A Multi-Stage Clustering Framework for Automotive Radar Data. , 2019, , .		26
12	Radar for Autonomous Driving â€" Paradigm Shift from Mere Detection to Semantic Environment Understanding. Proceedings, 2019, , 1-17.	0.3	5
13	Radar-based Feature Design and Multiclass Classification for Road User Recognition. , 2018, , .		26