Ole Schumann

List of Publications by Year
in descending order

11 papers	347 citations	2682572 2 h-index	2917675 2 g-index
11 all docs	11 docs citations	11 times ranked	169 citing authors

#	Article	IF	Citations
1	Semantic Segmentation on Radar Point Clouds. , 2018, , .		115
2	Scene Understanding With Automotive Radar. IEEE Transactions on Intelligent Vehicles, 2020, 5, 188-203.	12.7	71
3	Comparison of random forest and long short-term memory network performances in classification tasks using radar. , 2017, , .		47
4	RadarScenes: A Real-World Radar Point Cloud Data Set for Automotive Applications. , 2021, , .		46
5	Detection and Tracking on Automotive Radar Data with Deep Learning. , 2020, , .		19
6	Supervised Clustering for Radar Applications: On the Way to Radar Instance Segmentation. , 2018, , .		17
7	Off-the-shelf sensor vs. experimental radar - How much resolution is necessary in automotive radar classification?. , 2020, , .		17
8	Motion Classification and Height Estimation of Pedestrians Using Sparse Radar Data. , 2018, , .		6
9	Radar for Autonomous Driving â€" Paradigm Shift from Mere Detection to Semantic Environment Understanding. Proceedings, 2019, , 1-17.	0.3	5
10	Polarimetric Information Representation for Radar based Road User Detection with Deep Learning. , 2021, , .		3
11	Reduction of Sidelobe Effects in Automotive Polarimetric Radar Measurements. , 2022, , .		1