Eugin Hyun

List of Publications by Year
in descending order

15 papers	195 citations	1307594 7 h-index	1372567 10 g-index
15 all docs	15 docs citations	15 times ranked	182 citing authors

#	Article	IF	Citations
1	A Pedestrian Detection Scheme Using a Coherent Phase Difference Method Based on 2D Range-Doppler FMCW Radar. Sensors, 2016, 16, 124.	3.8	67
2	Doppler-Spectrum Feature-Based Human–Vehicle Classification Scheme Using Machine Learning for an FMCW Radar Sensor. Sensors, 2020, 20, 2001.	3.8	17
3	Detection scheme for a partially occluded pedestrian based on occluded depth in lidar–radar sensor fusion. Optical Engineering, 2017, 56, 1.	1.0	16
4	Design and Implementation of 24‰GHz Multichannel FMCW Surveillance Radar with a Software-Reconfigurable Baseband. Journal of Sensors, 2017, 2017, 1-11.	1.1	15
5	A Low-Complexity Scheme for Partially Occluded Pedestrian Detection Using LIDAR-RADAR Sensor Fusion. , 2016, , .		14
6	Human-vehicle classification scheme using doppler spectrum distribution based on 2D range-doppler FMCW radar. Journal of Intelligent and Fuzzy Systems, 2018, 35, 6035-6045.	1.4	11
7	Parallel and Pipelined Hardware Implementation of Radar Signal Processing for an FMCW Multi-channel Radar. Elektronika Ir Elektrotechnika, 2015, 21, .	0.8	11
8	Development of short-range ground surveillance radar for moving target detection. , 2015, , .		10
9	Machine Learning-Based Human Recognition Scheme Using a Doppler Radar Sensor for In-Vehicle Applications. Sensors, 2020, 20, 6202.	3.8	9
10	FPGA based signal processing module design and implementation for FMCW vehicle radar systems. , 2011, , .		7
11	Two-Step Pairing Algorithm for Target Range and Velocity Detection in FMCW Automotive Radar. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2015, E98.A, 801-810.	0.3	7
12	Waveform Design with Dual Ramp-Sequence for High-Resolution Range-Velocity FMCW Radar. Elektronika Ir Elektrotechnika, 2016, 22, .	0.8	6
13	Radar-Lidar Sensor Fusion Sheme Using Occluded Depth Generation for Pedestrian Detection. , 2017, , .		4
14	Radar Image Extraction Scheme for FMCW Radar-Based Human Motion Indication. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2018, 29, 411-414.	0.3	1
15	Tow-tone Radar Sensor Based Target Detection and Classification Scheme. , 2019, , .		0