Mateo Burgos-Garcia

List of Publications by Year
in descending order

18	308	933447 10	1125743 13
papers	citations	h-index	g-index

18	18	18	303
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Processing chain of a radar network for safety improvement in the usage of heavy machinery. , 2015, , .		1
2	On the Use of Low-Cost Radar Networks for Collision Warning Systems Aboard Dumpers. Sensors, 2014, 14, 3921-3938.	3.8	6
3	A Millimeter-Wave Imager Using an Illuminating Source [Application Notes]. IEEE Microwave Magazine, 2013, 14, 132-138.	0.8	3
4	MINIATURIZED 0.3-6 GHZ LTCC SIX-PORT RECEIVER FOR SOFTWARE DEFINED RADIO. Progress in Electromagnetics Research, 2013, 142, 591-613.	4.4	5
5	Direct Baseband I-Q Regeneration Method for Five-Port Receivers Improving DC-Offset and Second-Order Intermodulation Distortion Rejection. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 2634-2643.	4.6	13
6	EXPERIMENTAL PERFORMANCE COMPARISON OF SIX-PORT AND CONVENTIONAL ZERO-IF/LOW-IF RECEIVERS FOR SOFTWARE DEFINED RADIO. Progress in Electromagnetics Research B, 2012, 42, 311-333.	1.0	11
7	INTERFEROMETRIC ISAR IMAGING ON MARITIME TARGET APPLICATIONS: SIMULATION OF REALISTIC TARGETS AND DYNAMICS. Progress in Electromagnetics Research, 2012, 132, 571-586.	4.4	11
8	Vehicular Traffic Surveillance and Road Lane Detection Using Radar Interferometry. IEEE Transactions on Vehicular Technology, 2012, 61, 959-970.	6.3	56
9	FOUR-OCTAVE SIX-PORT RECEIVER AND ITS CALIBRATION FOR BROADBAND COMMUNICATIONS AND SOFTWARE DEFINED RADIOS. Progress in Electromagnetics Research, 2011, 116, 1-21.	4.4	49
10	Broadband RF front-end based on the six-port network architecture for software defined radio. , 2010, , .		2
11	Software Defined Radio technologies for emergency and professional wide band communications. , 2010, , .		5
12	Millimeter-Wave Sensor With FMICW Capabilities for Medium-Range High-Resolution Radars. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 1479-1486.	4.6	11
13	Through-the-Wall Surveillance With Millimeter-Wave LFMCW Radars. IEEE Transactions on Geoscience and Remote Sensing, 2009, 47, 1796-1805.	6.3	29
14	SAR System for UAV Operation with Motion Error Compensation beyond the Resolution Cell. Sensors, 2008, 8, 3384-3405.	3.8	52
15	Robust SVA method for every sampling rate condition. IEEE Transactions on Aerospace and Electronic Systems, 2007, 43, 571-580.	4.7	23
16	Spatially Variant Apodization for Squinted Synthetic Aperture Radar Images. IEEE Transactions on Image Processing, 2007, 16, 2023-2027.	9.8	14
17	Portable High Resolution LFM-CW Radar Sensor in Millimeter-Wave Band. , 2007, , .		16
18	A Software Package for the Design of Band-Pass Microwave Generalized Chebyschev Filters with Symmetric or Asymmetric Amplitude Response and Equalized Group Delay. , 1997, , .		1