

Marcos Hervás

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	homeSound: Real-Time Audio Event Detection Based on High Performance Computing for Behaviour and Surveillance Remote Monitoring. <i>Sensors</i> , 2017, 17, 854.	3.8	55
2	Real-Time Distributed Architecture for Remote Acoustic Elderly Monitoring in Residential-Scale Ambient Assisted Living Scenarios. <i>Sensors</i> , 2018, 18, 2492.	3.8	40
3	Spread spectrum high performance techniques for a long haul high frequency link. <i>IET Communications</i> , 2015, 9, 1048-1053.	2.2	28
4	Narrowband and Wideband Channel Sounding of an Antarctica to Spain Ionospheric Radio Link. <i>Remote Sensing</i> , 2015, 7, 11712-11730.	4.0	20
5	Physical Layer Definition for a Long-Haul HF Antarctica to Spain Radio Link. <i>Remote Sensing</i> , 2016, 8, 380.	4.0	16
6	Flexible Low-Cost SDR Platform for HF Communications: Near vertical incidence skywave preliminary results. <i>IEEE Antennas and Propagation Magazine</i> , 2016, 58, 49-56.	1.4	12
7	An FPGA-Based WASN for Remote Real-Time Monitoring of Endangered Species: A Case Study on the Birdsong Recognition of <i>Botaurus stellaris</i> . <i>Sensors</i> , 2017, 17, 1331.	3.8	12
8	Single-carrier frequency domain equalisation proposal for very long haul HF radio links. <i>Electronics Letters</i> , 2014, 50, 1252-1254.	1.0	11
9	Ionospheric Narrowband and Wideband HF Soundings for Communications Purposes: A Review. <i>Sensors</i> , 2020, 20, 2486.	3.8	11
10	Advanced modulation schemes for an Antarctic Long Haul HF Link. <i>Telecommunication Systems</i> , 2016, 62, 757-770.	2.5	8
11	An FPGA Scalable Software Defined Radio Platform Design for Educational and Research Purposes. <i>Electronics (Switzerland)</i> , 2016, 5, 27.	3.1	4
12	Polarization diversity in a long-haul transequatorial HF link from Antarctica to Spain. <i>Radio Science</i> , 2017, 52, 105-117.	1.6	4
13	Design of a Low-Cost Configurable Acoustic Sensor for the Rapid Development of Sound Recognition Applications. <i>Electronics (Switzerland)</i> , 2020, 9, 1155.	3.1	3
14	QPSK demodulation using cellular neural networks. , 2014, , .		2
15	Variation of Ionospheric Narrowband and Wideband Performance for a 12,760 km Transequatorial Link and Its Dependence on Solar and Ionospheric Activity. <i>Remote Sensing</i> , 2020, 12, 2750.	4.0	2
16	Multiresolution acquisition scheme for the physical layer design of a direct sequence spread spectrum transequatorial HF ionospheric data link. <i>IET Communications</i> , 2017, 11, 1165-1172.	2.2	1
17	An FPGA Platform Proposal for Real-Time Acoustic Event Detection: Optimum Platform Implementation for Audio Recognition with Time Restrictions. <i>Proceedings (mdpi)</i> , 2017, 1, 2.	0.2	1
18	Narrowband and Wideband Channel Sounding of an Antarctica to Spain Ionospheric Radio Link. , 0, , .		1

#	ARTICLE	IF	CITATIONS
19	Vertical and oblique ionospheric soundings performance comparison over the 12,760 km transequatorial HF link between Antarctica and Spain. Radio Science, 2017, 52, 498-510.	1.6	0
20	Real-Time Audio Event Detection over a Low-Cost GPU Platform for Surveillance in Remote Elderly Monitoring. Proceedings (mdpi), 2018, 2, 137.	0.2	0
21	Remote Sensor Data Transmission from Antarctica to Spain with a Long-Haul HF Ionospheric Link. , 0, , .		0
22	Interannual Variation of a 12,760 km Transequatorial Ionospheric Channel Availability and Its Dependence on Ionization. , 0, , .		0