Marcos HervÃ¡s

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8149202/publications.pdf

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22	231	1040056	996975
papers	citations	9	15
		h-index	g-index

23	23	23	213
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Design of a Low-Cost Configurable Acoustic Sensor for the Rapid Development of Sound Recognition Applications. Electronics (Switzerland), 2020, 9, 1155.	3.1	3
2	Variation of Ionospheric Narrowband and Wideband Performance for a 12,760 km Transequatorial Link and Its Dependence on Solar and Ionospheric Activity. Remote Sensing, 2020, 12, 2750.	4.0	2
3	Ionospheric Narrowband and Wideband HF Soundings for Communications Purposes: A Review. Sensors, 2020, 20, 2486.	3.8	11
4	Real-Time Distributed Architecture for Remote Acoustic Elderly Monitoring in Residential-Scale Ambient Assisted Living Scenarios. Sensors, 2018, 18, 2492.	3.8	40
5	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
6	Vertical and oblique ionospheric soundings performance comparison over the 12,760Âkm transequatorial HF link between Antarctica and Spain. Radio Science, 2017, 52, 498-510.	1.6	0
7	Polarization diversity in a longâ€haul transequatorial HF link from Antarctica to Spain. Radio Science, 2017, 52, 105-117.	1.6	4
8	Multiresolution acquisition scheme for the physical layer design of a direct sequence spread spectrum transequatorial HF ionospheric data link. IET Communications, 2017, 11, 1165-1172.	2.2	1
9	homeSound: Real-Time Audio Event Detection Based on High Performance Computing for Behaviour and Surveillance Remote Monitoring. Sensors, 2017, 17, 854.	3.8	55
10	An FPGA Platform Proposal for Real-Time Acoustic Event Detection: Optimum Platform Implementation for Audio Recognition with Time Restrictions. Proceedings (mdpi), 2017, 1, 2.	0.2	1
11	An FPGA-Based WASN for Remote Real-Time Monitoring of Endangered Species: A Case Study on the Birdsong Recognition of Botaurus stellaris. Sensors, 2017, 17, 1331.	3.8	12
12	Physical Layer Definition for a Long-Haul HF Antarctica to Spain Radio Link. Remote Sensing, 2016, 8, 380.	4.0	16
13	An FPGA Scalable Software Defined Radio Platform Design for Educational and Research Purposes. Electronics (Switzerland), 2016, 5, 27.	3.1	4
14	Advanced modulation schemes for an Antarctic Long Haul HF Link. Telecommunication Systems, 2016, 62, 757-770.	2.5	8
15	Flexible Low-Cost SDR Platform for HF Communications: Near vertical incidence skywave preliminary results. IEEE Antennas and Propagation Magazine, 2016, 58, 49-56.	1.4	12
16	Narrowband and Wideband Channel Sounding of an Antarctica to Spain Ionospheric Radio Link. Remote Sensing, 2015, 7, 11712-11730.	4.0	20
17	Spread spectrum high performance techniques for a long haul high frequency link. IET Communications, 2015, 9, 1048-1053.	2.2	28
18	QPSK demodulation using cellular neural networks. , 2014, , .		2

#	Article	IF	Citations
19	Singleâ€carrier frequency domain equalisation proposal for very long haul HF radio links. Electronics Letters, 2014, 50, 1252-1254.	1.0	11
20	Narrowband and Wideband Channel Sounding of an Antarctica to Spain Ionospheric Radio Link. , 0, , .		1
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