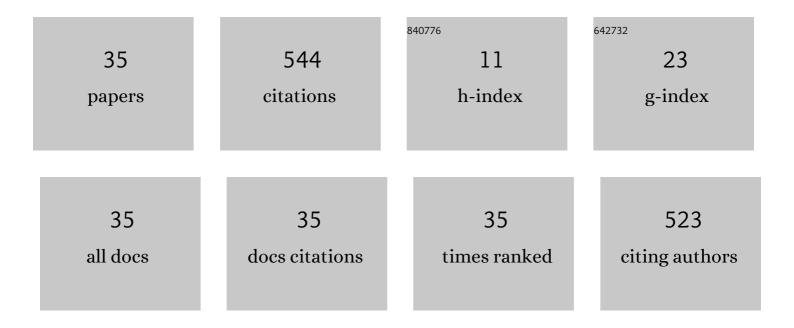
Hugo Landaluce Simon

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A Review of IoT Sensing Applications and Challenges Using RFID and Wireless Sensor Networks. Sensors, 2020, 20, 2495.	3.8	198
2	Managing the Number of Tag Bits Transmitted in a Bit-Tracking RFID Collision Resolution Protocol. Sensors, 2014, 14, 1010-1027.	3.8	72
3	An Energy and Identification Time Decreasing Procedure for Memoryless RFID Tag Anticollision Protocols. IEEE Transactions on Wireless Communications, 2016, 15, 4234-4247.	9.2	59
4	Measurement and modeling of a UHFâ€RFID system in a metallic closed vehicle. Microwave and Optical Technology Letters, 2012, 54, 2126-2130.	1.4	28
5	IVAN: Intelligent Van for the Distribution of Pharmaceutical Drugs. Sensors, 2012, 12, 6587-6609.	3.8	24
6	A Fast RFID Identification Protocol with Low Tag Complexity. IEEE Communications Letters, 2013, 17, 1704-1706.	4.1	19
7	Scalable RFID Tag Estimator With Enhanced Accuracy and Low Estimation Time. IEEE Signal Processing Letters, 2017, 24, 982-986.	3.6	16
8	Fast fuzzy antiâ€collision protocol for the RFID standard EPC Genâ€2. Electronics Letters, 2016, 52, 663-665.	1.0	15
9	Simplified computation in memoryless antiâ€collision RFID identification protocols. Electronics Letters, 2014, 50, 1250-1252.	1.0	14
10	A Comparison of RFID Anti-Collision Protocols for Tag Identification. Applied Sciences (Switzerland), 2018, 8, 1282.	2.5	14
11	Telematics system for the intelligent transport and distribution of medicines. IET Intelligent Transport Systems, 2013, 7, 131-137.	3.0	11
12	Timing-Aware RFID Anti-Collision Protocol to Increase the Tag Identification Rate. IEEE Access, 2018, 6, 33529-33541.	4.2	11
13	Dynamic Frame Update Policy for UHF RFID Sensor Tag Collisions. Sensors, 2020, 20, 2696.	3.8	10
14	Bandâ€pass filterâ€like antenna validation in an ultraâ€wideband inâ€car wireless channel. IET Communications, 2015, 9, 532-540.	2.2	8
15	Energy-Aware RFID Anti-Collision Protocol. Sensors, 2018, 18, 1904.	3.8	8
16	Influence of the Distribution of Tag IDs on RFID Memoryless Anti-Collision Protocols. Sensors, 2017, 17, 1891.	3.8	7
17	Protocol for Streaming Data from an RFID Sensor Network â€. Sensors, 2019, 19, 3148.	3.8	6

A theoretical and experimental study of passive computational RFID tags. , 2019, , .

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#	Article	IF	CITATIONS
19	Selecting Impedance States in a Passive Computational RFID Tag Backscattering in PSK. IEEE Microwave and Wireless Components Letters, 2019, 29, 680-682.	3.2	3
20	A Fully Customizable RFID Research Platform With Exchangeable Modules. IEEE Sensors Journal, 2021, 21, 15379-15385.	4.7	3
21	A Passive Computational UHF RFID Platform Using Vector Backscatter Modulation. IEEE Sensors Journal, 2022, 22, 6145-6149.	4.7	3
22	Hardware based analysis of RFID anti-collision protocols based on the standard EPCglobal Class-1 Generation-2. , 2015, , .		2
23	Protocol for Streaming Data from an RFID Sensor Network. Proceedings (mdpi), 2018, 2, .	0.2	2
24	Influence of Managing the Number of Tag Bits Transmitted on the Query Tree RFID Collision Resolution Protocol. Journal of Communications Software and Systems, 2017, 9, 35.	0.8	2
25	Easily deployable solution based on wireless technologies for traceability of pharmaceutical drugs. , 2011, , .		1
26	TIMON Project. , 2016, , .		1
27	A High Throughput Anticollision Protocol to Decrease the Energy Consumption in a Passive RFID System. Wireless Communications and Mobile Computing, 2017, 2017, 1-10.	1.2	1
28	Transportation Ecosystem Framework in Fog to Cloud Environment. , 2018, , .		1
29	Harmonic Voltage Reflection Analysis of UHF RFID Chips. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-7.	4.7	1
30	Analysis of an UHF-RFID system in a metallic closed vehicle. , 2012, , .		0
31	Hardware based design and performance evaluation of a tree based RFID anti-collision protocol. , 2015, , .		0
32	Experimental Validation of Anti-Collision Protocols for RFID Sensor Networks. , 2018, , .		0
33	A theoretical and experimental study of passive computational radio frequency identification tags. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3939.	3.9	0
34	UHF RFID chip impedance and sensitivity measurement using a transmission line transformer. , 2021, , .		0
35	Reducing Transmitted Bits in a Memoryless RFID Anti-collision Protocol. , 2016, , .		Ο