Laura Arjona

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2305999/publications.pdf

Version: 2024-02-01

20 papers	346 citations	1307594 7 h-index	1125743 13 g-index
20 all docs	20 docs citations	20 times ranked	326 citing authors

#	Article	IF	Citations
1	A Passive Computational UHF RFID Platform Using Vector Backscatter Modulation. IEEE Sensors Journal, 2022, 22, 6145-6149.	4.7	3
2	A Fully Customizable RFID Research Platform With Exchangeable Modules. IEEE Sensors Journal, 2021, 21, 15379-15385.	4.7	3
3	A Review of IoT Sensing Applications and Challenges Using RFID and Wireless Sensor Networks. Sensors, 2020, 20, 2495.	3.8	198
4	Dynamic Frame Update Policy for UHF RFID Sensor Tag Collisions. Sensors, 2020, 20, 2696.	3.8	10
5	A theoretical and experimental study of passive computational radio frequency identification tags. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3939.	3.9	0
6	Protocol for Streaming Data from an RFID Sensor Network â€. Sensors, 2019, 19, 3148.	3.8	6
7	High Performance Flexible Protocol for Backscattered-Based Neural Implants. , 2019, , .		1
8	A theoretical and experimental study of passive computational RFID tags. , 2019, , .		4
9	Protocol for Streaming Data from an RFID Sensor Network. Proceedings (mdpi), 2018, 2, .	0.2	2
10	Experimental Validation of Anti-Collision Protocols for RFID Sensor Networks. , 2018, , .		0
11	Timing-Aware RFID Anti-Collision Protocol to Increase the Tag Identification Rate. IEEE Access, 2018, 6, 33529-33541.	4.2	11
12	Energy-Aware RFID Anti-Collision Protocol. Sensors, 2018, 18, 1904.	3.8	8
13	Scalable RFID Tag Estimator With Enhanced Accuracy and Low Estimation Time. IEEE Signal Processing Letters, 2017, 24, 982-986.	3.6	16
14	Influence of the Distribution of Tag IDs on RFID Memoryless Anti-Collision Protocols. Sensors, 2017, 17, 1891.	3.8	7
15	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
16	Fast fuzzy antiâ€collision protocol for the RFID standard EPC Genâ€2. Electronics Letters, 2016, 52, 663-665.	1.0	15
17	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
18	Reducing Transmitted Bits in a Memoryless RFID Anti-collision Protocol. , 2016, , .		0

#	Article	IF	Citations
19	Hardware based design and performance evaluation of a tree based RFID anti-collision protocol. , 2015, , .		0
20	Hardware based analysis of RFID anti-collision protocols based on the standard EPCglobal Class-1 Generation-2. , 2015, , .		2