

Angel Ramos

List of Publications by Year in descending order

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18
papers

548
citations

840776

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1199594

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18
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18
times ranked

533
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Layer, Flexible, and Depolarizing Chipless RFID Tags. IEEE Access, 2020, 8, 72929-72941.	4.2	25
2	Temporal Separation Detection for Chipless Depolarizing Frequency-Coded RFID. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 2326-2337.	4.6	78
3	Nitrogen Dioxide Wireless Sensor Based on Carbon Nanotubes and UWB RFID Technology. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1145-1148.	4.0	8
4	Solar-Powered Wireless Temperature Sensor Based on UWB RFID With Self-Calibration. IEEE Sensors Journal, 2015, 15, 3764-3772.	4.7	13
5	Wireless Concrete Mixture Composition Sensor Based on Time-Coded UWB RFID. IEEE Microwave and Wireless Components Letters, 2015, 25, 681-683.	3.2	22
6	Oxygen plasma treated carbon nanotubes for the wireless monitoring of nitrogen dioxide levels. Sensors and Actuators B: Chemical, 2015, 208, 444-449.	7.8	21
7	Multi-sensor UWB time-coded RFID tags for smart cities applications. , 2014, , .		5
8	Permittivity sensor using chipless time-coded UWB RFID. , 2014, , .		1
9	Time-domain UWB RFID tags for smart floor applications. , 2014, , .		7
10	Active UWB Reflector for RFID and Wireless Sensor Networks. IEEE Transactions on Antennas and Propagation, 2013, 61, 4767-4774.	5.1	13
11	Semi-Passive Time-Domain UWB RFID System. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 1700-1708.	4.6	33
12	A Novel UWB RFID Tag Using Active Frequency Selective Surface. IEEE Transactions on Antennas and Propagation, 2013, 61, 1155-1165.	5.1	33
13	UWB time-coded RFID sensors: A comparison between passive and semi-passive approaches. , 2013, , .		1
14	Remote Sensing of Vital Signs Using a Doppler Radar and Diversity to Overcome Null Detection. IEEE Sensors Journal, 2012, 12, 512-518.	4.7	64
15	IR-UWB radar system and tag design for time-coded chipless RFID. , 2012, , .		26
16	Time-coded chipless RFID tags: Design, characterization and application. , 2012, , .		14
17	Passive Wireless Temperature Sensor Based on Time-Coded UWB Chipless RFID Tags. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 3623-3632.	4.6	134
18	TIME-DOMAIN MEASUREMENT OF TIME-CODED UWB CHIPLESS RFID TAGS. Progress in Electromagnetics Research, 2011, 116, 313-331.	4.4	50