Zoran Blazevic

List of Publications by Year
in descending order

26	114	1684188 5	1474206 9
papers	citations	h-index	g-index

26	26	26	136
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Gen2 RFID as IoT Enabler: Characterization and Performance Improvement. IEEE Wireless Communications, 2017, 24, 33-39.	9.0	31
2	Comparing Theoretical and Experimental Results in Gen2 RFID Throughput. IEEE Transactions on Automation Science and Engineering, 2017, 14, 349-357.	5.2	22
3	Analysis of Passive RFID Applicability in a Retail Store: What Can We Expect?. Sensors, 2020, 20, 2038.	3.8	13
4	Deterministic wideband modeling of satellite propagation channel with buildings blockage. IEEE Transactions on Vehicular Technology, 2005, 54, 1225-1234.	6.3	8
5	Spherical Helices for Resonant Wireless Power Transfer. International Journal of Antennas and Propagation, 2013, 2013, 1-12.	1.2	8
6	INTERACTION BETWEEN HUMAN AND NEAR-FIELD OF WIRELESS POWER TRANSFER SYSTEM. Progress in Electromagnetics Research C, 2016, 67, 1-10.	0.9	5
7	Impact of Tag Responsiveness on Gen2 RFID Throughput. IEEE Communications Letters, 2016, 20, 2181-2184.	4.1	4
8	Electromagnetic characterization of SNR variation in passive Gen2 RFID system. , 2017, , .		4
9	UHF RFID: Retail Store Performance. IEEE Journal of Radio Frequency Identification, 2022, 6, 481-489.	2.3	4
10	Resonant Near-Field Power Transfer: Revisiting the frequency-splitting phenomenon using the spherical mode theory antenna model. IEEE Antennas and Propagation Magazine, 2019, 61, 39-45.	1.4	3
11	Wideband measurements and analysis of the single-floor indoor radio channel at 2.4 GHz. , 2007, , .		2
12	2.4 GHz micro-strip patch antenna array with suppressed sidelobes. , 2015, , .		2
13	Enabling IoT through Gen2 RFID: PHY/MAC research opportunities. , 2018, , .		2
14	A wideband indoor radio channel based on Non-LOS measurements at 2.4 GHz. , 2007, , .		1
15	Some notes on transmission line representations of Tesla’s transmitters. , 2008, , .		1
16	Increasing the radiation efficiency and resistance of electrically small spherical helical antenna for wireless power transfer. , 2013, , .		1
17	Interaction between humans and wireless power transfer systems. , 2014, , .		1
18	Ultra-wideband parabolic bicone antenna for ground penetrating radar. , 2015, , .		1

#	Article	IF	Citations
19	Small printed antenna for soil sensors. , 2021, , .		1
20	Modeling of Tesla’s transmitter using the wire antenna theory with ground effects included. , 2008, , .		0
21	Helical antenna performance in wideband communications. , 2008, , .		0
22	Analysis of multiple-folded spherical helical antenna using the Galerkin-Bubnov scheme of the Boundary Element method. , 2015, , .		0
23	Comparison of generalized telegrapher equations approach and circuit model for wireless power transfer. , 2016, , .		0
24	Measurements and Statistical Characterization of Time-varying WiFi Indoor Radio Channel. , 2019, , .		0
25	Wi-Fi Signal Measurements in Building Surroundings. Recent Advances in Communications and Networking Technology, 2018, 6, 134-138.	0.1	0
26	RFID Performance Evaluation in a Retail Store. , 2020, , .		0