

Antoine Diet

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

57
citations

2258059

3
h-index

2053705

5
g-index

15
all docs

15
docs citations

15
times ranked

27
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving LF reader antenna volume of detection for RFID token tag thanks to Identical Coaxial Loops (ICLs) and in/out-of phase multiple-loops structures. , 2014, , .		10
2	Distributed Diameter Subcoil Twisted Loop Antenna in Nonradiative WPT. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 4-7.	4.0	9
3	A Twisted Loop Antenna to enhance HF RFID detection for different tag positioning. , 2016, , .		6
4	Reduction of the shielding effect on the coupling factor of an EV WPT system. , 2019, , .		6
5	NFC/RFID Patch Coil Curvature Effect and Shielding for Medical Applications Wirelessly Powered. IEEE Journal of Radio Frequency Identification, 2020, 4, 107-114.	2.3	5
6	Influence of the Titanium Case used in Implantable Medical Devices on the Wireless Power Link. , 2018, , .		4
7	Energy Harvesting of a NFC Flexible Patch for Medical Applications. , 2019, , .		4
8	Sub-coil in reader antenna for HF RFID volume detection improvement. , 2017, , .		3
9	A Reconfigurable Coil Grid for Receiver Localization in Wireless Power Transfer and Magnetic Field Steering. IEEE Journal of Radio Frequency Identification, 2021, 5, 128-138.	2.3	3
10	Flexible Serialized Complementary Coils for the Detection of Moving LF RFID Tags. IEEE Journal of Radio Frequency Identification, 2019, 3, 183-190.	2.3	2
11	A switched reader complementary-loops structure for detecting LF RFID tagged pebbles. , 2017, , .		1
12	Antenna array in 3D to improve tracking of small HF RFID tag. IET Microwaves, Antennas and Propagation, 2018, 12, 678-683.	1.4	1
13	ENHANCED HF RFID DETECTION AREA OF MOBILE SMALL TAG VIA DISTRIBUTED DIAMETER COIL RESONATOR. Progress in Electromagnetics Research C, 2018, 82, 237-249.	0.9	1
14	13.56 MHz Near Field magnetic coupling efficiency evaluation for IMDs powering. , 2019, , .		1
15	A Reconfigurable Antenna for Enhancing the Magnetic Coupling in WPT. , 2019, , .		1