

# Antoine Diet

## List of Publications by Year in descending order

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15  
papers

57  
citations

2258059

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2053705

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all docs

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docs citations

15  
times ranked

27  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | 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         |
| 2  | 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         |
| 3  | 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         |
| 4  | 13.56 MHz Near Field magnetic coupling efficiency evaluation for IMDs powering. , 2019, , .  |     | 1         |
| 5  | A Reconfigurable Antenna for Enhancing the Magnetic Coupling in WPT. , 2019, , .   |     | 1         |
| 6  | Energy Harvesting of a NFC Flexible Patch for Medical Applications. , 2019, , .  |     | 4         |
| 7  | Reduction of the shielding effect on the coupling factor of an EV WPT system. , 2019, , .  |     | 6         |
| 8  | Distributed Diameter Subcoil Twisted Loop Antenna in Nonradiative WPT. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 4-7.  | 4.0 | 9         |
| 9  | Antenna array in 3D to improve tracking of small HF RFID tag. IET Microwaves, Antennas and Propagation, 2018, 12, 678-683.   | 1.4 | 1         |
| 10 | Influence of the Titanium Case used in Implantable Medical Devices on the Wireless Power Link. , 2018, , .   |     | 4         |
| 11 | 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         |
| 12 | A switched reader complementary-loops structure for detecting LF RFID tagged pebbles. , 2017, , .  |     | 1         |
| 13 | Sub-coil in reader antenna for HF RFID volume detection improvement. , 2017, , .   |     | 3         |
| 14 | A Twisted Loop Antenna to enhance HF RFID detection for different tag positioning. , 2016, , .   |     | 6         |
| 15 | 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        |