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Performance Analysis of MICS-Based RF Wireless Power Transfer System for Implantable Medical Devices

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20	. <i>IEEE Access</i> , 2019 , 7, 125091-125100	3.5	8
19	Miniaturized High Gain Antenna for Biomedical Application. 2019 ,		1
18	A Compact Wide Band Implantable Antenna for Biotelemetry. 2019 ,		2
17	MPPT Control for PV based Wireless Power Transfer System in Lunar Rover by Secondary Side Converter. 2019 ,		1
16	A compact and low-power wireless receiver for implanted medical backscatter. <i>IEICE Electronics Express</i> , 2019 , 16, 20190501-20190501	0.5	2
15	Thermoelectric generator characterization at extra-low-temperature difference for building applications in extreme hot climates: Experimental and numerical study. <i>Energy and Buildings</i> , 2020 , 225, 110285	7	5
14	Real-World Performance of Sub-1 GHz and 2.4 GHz Textile Antennas for RF-Powered Body Area Networks. <i>IEEE Access</i> , 2020 , 8, 133746-133756	3.5	13
13	An LCC-SP Compensated Inductive Power Transfer System and Design Considerations for Enhancing Misalignment Tolerance. <i>IEEE Access</i> , 2020 , 8, 193285-193296	3.5	4
12	Dual-Frequency Output of Wireless Power Transfer System with Single Inverter Using Improved Differential Evolution Algorithm. <i>Energies</i> , 2020 , 13, 2209	3.1	5
11	LUT-Based Focal Beamforming System Using 2-D Adaptive Sequential Searching Algorithm for Microwave Power Transfer. <i>IEEE Access</i> , 2020 , 8, 196024-196033	3.5	7
10	Design of a Cylindrical Winding Structure for Wireless Power Transfer Used in Rotatory Applications. <i>Electronics (Switzerland)</i> , 2020 , 9, 526	2.6	1
9	Two-Degree-of-Freedom WPT System Using Cylindrical-Joint Structure for Applications With Movable Parts. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 366-370	3.5	2
8	Self-tuning Omnidirectional Wireless Power Transfer using Double Toroidal Helix Coils. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	2
7	Frequency splitting suppression in wireless power transfer using hemispherical spiral coils. <i>AIP Advances</i> , 2022 , 12, 055016	1.5	
6	On the Feasibility of Wireless Energy Transfer Based on Low Complexity Antenna Selection and Passive IRS Beamforming. <i>IEEE Transactions on Communications</i> , 2022 , 1-1	6.9	1
5	Near-field wireless power transfer used in biomedical implants: A comprehensive review. <i>IET Power Electronics</i> ,	2.2	1
4	Self-Sustainable Biomedical Devices Powered by RF Energy: A Review. 2022 , 22, 6371		1

- 3 Abnormality Detection and Localization Schemes using Molecular Communication Systems: A Survey. **2022**, 1-1 ○
- 2 On the Power Transfer Efficiency and Feasibility of Wireless Energy Transfer Using Double IRS. **2023**, 1-16 ○
- 1 Symmetric Model of IPT Pads for EMI Investigations. **2022**, ○