

Jo Bito

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,176
citations

1163117

8
h-index

1474206

9
g-index

25
all docs

25
docs citations

25
times ranked

1376
citing authors

#	ARTICLE	IF	CITATIONS
1	Ambient RF Energy-Harvesting Technologies for Self-Sustainable Standalone Wireless Sensor Platforms. Proceedings of the IEEE, 2014, 102, 1649-1666.	21.3	547
2	A Novel Ultra-Lightweight Multiband Rectenna on Paper for RF Energy Harvesting in the Next Generation LTE Bands. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 366-379.	4.6	181
3	A Novel Solar and Electromagnetic Energy Harvesting System With a 3-D Printed Package for Energy Efficient Internet-of-Things Wireless Sensors. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 1831-1842.	4.6	140
4	Ambient RF Energy Harvesting From a Two-Way Talk Radio for Flexible Wearable Wireless Sensor Devices Utilizing Inkjet Printing Technologies. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 4533-4543.	4.6	69
5	A Real-Time Electrically Controlled Active Matching Circuit Utilizing Genetic Algorithms for Wireless Power Transfer to Biomedical Implants. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 365-374.	4.6	50
6	On-Body Long-Range Wireless Backscattering Sensing System Using Inkjet-/3-D-Printed Flexible Ambient RF Energy Harvesters Capable of Simultaneous DC and Harmonics Generation. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 5389-5400.	4.6	32
7	Millimeter-wave ink-jet printed RF energy harvester for next generation flexible electronics. , 2017, , .		29
8	Zero-Power Sensors for Smart Objects: Novel Zero-Power Additively Manufactured Wireless Sensor Modules for IoT Applications. IEEE Microwave Magazine, 2018, 19, 32-47.	0.8	21
9	A Novel Heuristic Passive and Active Matching Circuit Design Method for Wireless Power Transfer to Moving Objects. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 1094-1102.	4.6	20
10	Design of a novel wireless power system using machine learning techniques for drone applications. , 2017, , .		17
11	Fully inkjet-printed multilayer microstrip patch antenna for Ku-band applications. , 2014, , .		9
12	A flexible hybrid printed RF energy harvester utilizing catalyst-based copper printing technologies for far-field RF energy harvesting applications. , 2015, , .		7
13	Design optimization of an energy harvesting RF-DC conversion circuit operating at 2.45GHz. , 2015, , .		7
14	Ambient energy harvesting from a two-way talk radio for flexible wearable devices utilizing inkjet printing masking. , 2015, , .		6
15	A real-time electrically controlled active matching circuit utilizing genetic algorithms for biomedical WPT applications. , 2015, , .		6
16	Heuristic passive and active matching circuit design method for wireless power transfer for moving objects. , 2016, , .		6
17	A fully autonomous ultra-low power hybrid RF/photovoltaic energy harvesting system with $\hat{\sim}25$ dBm sensitivity. , 2017, , .		5
18	Wearable inkjet printed energy harvester. , 2017, , .		5

#	ARTICLE	IF	CITATIONS
19	Novel Additively Manufactured Packaging Approaches for 5G/mm-Wave Wireless Modules. , 2019, , .		5
20	Ambient energy harvesting from 2-way talk-radio signals for “smart” meter and display applications. , 2014, , .		3
21	A hybrid heuristic design technique for real-time matching optimization for wearable near-field ambient RF energy harvesters. , 2016, , .		3
22	Harvesting wireless signals from two-way talk-radios to power smart meters and displays. , 2014, , .		2
23	Bias circuit design for a real-time electrically controlled active matching circuit utilizing p-i-n diode switches for wireless power transfer. , 2016, , .		2
24	Flexible & planar implantable resonant coils for wireless power transfer using Inkjet masking technique. , 2016, , .		2
25	A flexible RF energy harvester using a hybrid printing technology for â€˜stand-aloneâ€™™ wireless sensor platforms. Flexible and Printed Electronics, 2018, 3, 015004.	2.7	2