

Ankit Mittal

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

144
citations

1937685
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1872680
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all docs

8
docs citations

8
times ranked

111
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-compact dual-band smart NEMS magnetoelectric antennas for simultaneous wireless energy harvesting and magnetic field sensing. Nature Communications, 2021, 12, 3141.	12.8	95
2	Modeling of Magnetoelectric Antennas for Circuit Simulations in Magnetic Sensing Applications. , 2020, , .		11
3	A Radio Frequency Magnetoelectric Antenna Prototyping Platform for Neural Activity Monitoring Devices with Sensing and Energy Harvesting Capabilities. Electronics (Switzerland), 2020, 9, 2123.	3.1	11
4	Analysis and Design Methodology of RF Energy Harvesting Rectifier Circuit for Ultra-Low Power Applications. IEEE Open Journal of Circuits and Systems, 2022, 3, 82-96.	1.9	11
5	A $\hat{A}\pm 0.5$ dB, 6 nW RSSI Circuit With RF Power-to-Digital Conversion Technique for Ultra-Low Power IoT Radio Applications. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 3526-3539.	5.4	5
6	Large Delay Analog Trojans: A Silent Fabrication-Time Attack Exploiting Analog Modalities. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2021, 29, 124-135.	3.1	4
7	A 30% Efficient High-Output Voltage Fully Integrated Self-Biased Gate RF Rectifier Topology for Neural Implants. IEEE Journal of Solid-State Circuits, 2022, 57, 3324-3335.	5.4	4
8	Simulation and Experimental Evaluation of Energy Harvesting Circuits with Magnetoelectric Antennas. , 2021, , .		3