

# Mahmoud A A Ibrahim

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

133  
citations

1937685

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2053705

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15  
docs citations

15  
times ranked

160  
citing authors

#	ARTICLE	IF	CITATIONS
1	A 0.061 nJ/b 10 Mbps Hybrid BF-PSK Receiver for Internet of Things Applications. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 1919-1931.	5.4	2
2	Reflective Parametric Frequency-Selective Limiters With Sub-dB Loss and 1/4 Watts Power Thresholds. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 2989-3000.	4.6	4
3	Analysis and Experimental Validation of Large-Signal Linearization for Low-Power Complex OTA-C Filters. IEEE Open Journal of Circuits and Systems, 2021, 2, 398-406.	1.9	0
4	A Low-Power BFSK Transmitter Architecture for Biomedical Applications. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 1527-1540.	5.4	17
5	A High Efficiency DC-DC Converter Architecture with Adjustable Switching Frequency to Suppress Noise Injection in RF Receiver Front-Ends. , 2020, , .		0
6	Systematic Synthesis and Design of Ultralow Threshold 2:1 Parametric Frequency Dividers. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 3497-3509.	4.6	14
7	Sinusoidal Signal Generation Through Successive Integration. , 2019, , .		4
8	Study of Performance Impact from Powering RF Receiver Front-End Circuits with a DC-DC Converter. , 2018, , .		1
9	Dual-Source Self-Start High-Efficiency Microscale Smart Energy Harvesting System for IoT. IEEE Transactions on Industrial Electronics, 2018, 65, 342-351.	7.9	58
10	A Low-Power Complex Bandpass Gm-C Filter with Dynamic Range Expansion through Adaptive Biasing. , 2018, , .		7
11	An ultra-low-power MPPT architecture for photovoltaic energy harvesting systems. , 2017, , .		7
12	Linear input range extension for low-voltage operational transconductance amplifiers in Gm-C filters. , 2017, , .		13
13	A transmitter architecture for wireless medical devices in the MICS band. , 2017, , .		1
14	A low-power MPPT architecture for micro-scale photovoltaic transducers. , 2016, , .		2
15	A dual source microscale energy harvesting system for wireless sensor networks. , 2015, , .		3