

# Mohamed M Aboudina

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

146  
citations

1684188

5  
h-index

1720034

7  
g-index

23  
all docs

23  
docs citations

23  
times ranked

202  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Non-volatile low-power crossbar memcapacitor-based memory. Microelectronics Journal, 2017, 64, 39-44.	2.0	13
3	A New DAC Mismatch Shaping Technique for Sigma-Delta Modulators. IEEE Transactions on Circuits and Systems II: Express Briefs, 2010, 57, 966-970.	3.0	12
4	Corrected and accurate Verilog-A for linear dopant drift model of memristors. , 2014, , .		11
5	An adaptive slew rate and dead zone ring amplifier. , 2016, , .		9
6	A Systematic Design Methodology for Class-AB-Style Ring Amplifiers. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1169-1173.	3.0	9
7	Efficient Supply Modulator for Wide-Band Envelope Elimination and Restoration Power Amplifiers. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 9-13.	3.0	8
8	An ultra-low-power MPPT architecture for photovoltaic energy harvesting systems. , 2017, , .		7
9	A low-power high-speed charge-steering comparator for high-speed applications. , 2016, , .		5
10	A dual source microscale energy harvesting system for wireless sensor networks. , 2015, , .		3
11	A multi-band high-efficiency envelope elimination and restoration CMOS power amplifier. Microelectronics Journal, 2020, 102, 104823.	2.0	3
12	A sub-2dB noise figure, 200&#x2013;3700 MHz receiver for LTE-A applications. , 2014, , .		2
13	Adaptive and optimum multiport readout of non-gated crossbar memory arrays. Microelectronics Journal, 2017, 67, 162-168.	2.0	2
14	A Ring Amplifier Architecture for Continuous-Time Applications. , 2018, , .		2
15	Frequency hopping filters simulation techniques. , 2013, , .		1
16	Mixed-mode self-calibrated amplitude control scheme for MEMS vibratory gyroscopes. , 2016, , .		1
17	Novel buck converter architectures for large step-down conversion ratio. , 2014, , .		0
18	A 12-bit, 200MS/s digitally calibrated pipeline ADC with Embedded Sample and Hold. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
19	A mm-Wave push-push voltage controlled oscillator with double-tuned LC load. , 2016, , .		0
20	Mm Wave LNA Using feedback guanella transmission line transformer. , 2016, , .		0
21	Architecture for a 94-GHz quasi-circulator. , 2016, , .		0
22	Linearity-Enhanced Ring Amplifier Using Adaptive Slew-Rate Feed-Forward Path. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2908-2912.	3.0	0
23	A Switched-Mode Reconfigurable RF Energy Harvester with Integrated Storage Controller. , 2020, , .		0