Khuram Shehzad

List of Publications by Year
in descending order

15	179	1163117 8	1125743 13
papers	citations	h-index	g-index

15	15	15	133
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Efficient Reconfigurable RF-DC Converter With Wide Input Power Range for RF Energy Harvesting. IEEE Access, 2020, 8, 79310-79318.	4.2	41
2	A CMOS RF Energy Harvester With 47% Peak Efficiency Using Internal Threshold Voltage Compensation. IEEE Microwave and Wireless Components Letters, 2019, 29, 415-417.	3.2	28
3	A Design of 8 fJ/Conversion-Step 10-bit 8MS/s Low Power Asynchronous SAR ADC for IEEE 802.15.1 IoT Sensor Based Applications. IEEE Access, 2020, 8, 85869-85879.	4.2	20
4	A Design of Low-Power 10-bit 1-MS/s Asynchronous SAR ADC for DSRC Application. Electronics (Switzerland), 2020, 9, 1100.	3.1	14
5	Design of a Low Power 10-b 8-MS/s Asynchronous SAR ADC with On-Chip Reference Voltage Generator. Electronics (Switzerland), 2020, 9, 872.	3.1	13
6	A Sigma-Delta ADC for Signal Conditioning IC of Automotive Piezo-Resistive Pressure Sensors with over 80 dB SNR. Sensors, 2018, 18, 4199.	3.8	9
7	A Highly Accurate, Polynomial-Based Digital Temperature Compensation for Piezoresistive Pressure Sensor in 180 nm CMOS Technology. Sensors, 2020, 20, 5256.	3.8	9
8	A 2.45 GHz High Efficiency CMOS RF Energy Harvester with Adaptive Path Control. Electronics (Switzerland), 2020, 9, 1107.	3.1	9
9	A Low-Power 12-Bit 20 MS/s Asynchronously Controlled SAR ADC for WAVE ITS Sensor Based Applications. Sensors, 2021, 21, 2260.	3.8	8
10	A Design of 44.1 fJ/Conv-Step 12-Bit 80 ms/s Time Interleaved Hybrid Type SAR ADC With Redundancy Capacitor and On-Chip Time-Skew Calibration. IEEE Access, 2021, 9, 133143-133155.	4.2	6
11	A Highly Efficient RF-DC Converter for Energy Harvesting Applications Using a Threshold Voltage Cancellation Scheme. Sensors, 2022, 22, 2659.	3.8	6
12	A 10- and 12-Bit Multi-Channel Hybrid Type Successive Approximation Register Analog-to-Digital Converter for Wireless Power Transfer System. Energies, 2018, 11, 2673.	3.1	5
13	Design of asynchronous SAR ADC for low power mixed signal applications. , 2017, , .		4
14	Low-power 10-bit SAR ADC using class-AB type amplifier for IoT applications. , 2017, , .		4
15	A 77-dB Dynamic-Range Analog Front-End for Fine-Dust Detection Systems with Dual-Mode Ultra-Low Noise TIA. Sensors, 2021, 21, 6360.	3.8	3