Danial Khan

List of Publications by Year in Descending Order

25 papers	146 citations	7 h-index	11 g-index
33 ext. papers	239 ext. citations	3.7 avg, IF	2.65 L-index

#	Paper	IF	Citations
25	A Design of Peak to Average Power Ratio Based SWIPT System in 180 nm CMOS Process for IoT Sensor Applications. *IEEE Access*, **2022**, 1-1	3.5	1
24	A High-Efficiency Triple-Mode Active Rectifier With Gate Charge Recycling Technique for Wireless Power Transfer System. *IEEE Access*, **2022**, 10, 45943-45953	3.5	
23	A Wideband Multi-Level Reconfigurable Class E/F23 Power Amplifier with A Band-Selecting Tracking Reactance Compensation Automatic Calibration Algorithm. *IEEE Access*, **2022**, 1-1	3.5	
22	Spin Orbit Torque-Assisted Magnetic Tunnel Junction-Based Hardware Trojan. *Electronics (Switzerland)*, **2022**, 11, 1753	2.6	5
21	A Low-Power 12-Bit 20 MS/s Asynchronously Controlled SAR ADC for WAVE ITS Sensor Based Applications. *Sensors*, **2021**, 21,	3.8	1
20	A 15-W Quadruple-Mode Reconfigurable Bidirectional Wireless Power Transceiver With 95% System Efficiency for Wireless Charging Applications. *IEEE Transactions on Power Electronics*, **2021**, 36, 3814-3827	7.2	6
19	A Design of Adaptive Control and Communication Protocol for SWIPT System in 180 nm CMOS Process for Sensor Applications. *Sensors*, **2021**, 21,	3.8	1
18	A High-Efficiency Fast Transient COT Control DCDC Buck Converter With Current Reused Current Sensor. *IEEE Transactions on Power Electronics*, **2021**, 36, 9521-9535	7.2	5
17	A High-Efficient Wireless Power Receiver for Hybrid Energy-Harvesting Sources. *IEEE Transactions on Power Electronics*, **2021**, 36, 11148-11162	7.2	6
16	Design of High Performance Hybrid Type Digital-Feedback Low Drop-Out Regulator Using SSCG Technique. *IEEE Access*, **2021**, 9, 28167-28176	3.5	3
15	An Efficient Reconfigurable RF-DC Converter With Wide Input Power Range for RF Energy Harvesting. *IEEE Access*, **2020**, 8, 79310-79318	3.5	18
14	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	3.5	10
13	Design of a Low Power 10-b 8-MS/s Asynchronous SAR ADC with On-Chip Reference Voltage Generator. *Electronics (Switzerland)*, **2020**, 9, 872	2.6	7
12	A Design of Low-Power 10-bit 1-MS/s Asynchronous SAR ADC for DSRC Application. *Electronics (Switzerland)*, **2020**, 9, 1100	2.6	8
11	A 2.45 GHz High Efficiency CMOS RF Energy Harvester with Adaptive Path Control. *Electronics (Switzerland)*, **2020**, 9, 1107	2.6	5
10	A Highly Reliable, 5.8 GHz DSRC Wake-Up Receiver with an Intelligent Digital Controller for an ETC System. *Sensors*, **2020**, 20,	3.8	3
9	A High Performance Adaptive Digital LDO Regulator With Dithering and Dynamic Frequency Scaling for IoT Applications. *IEEE Access*, **2020**, 8, 132200-132211	3.5	4

List of Publications

8	A CMOS RF Energy Harvester With 47% Peak Efficiency Using Internal Threshold Voltage Compensation. *IEEE Microwave and Wireless Components Letters*, **2019**, 29, 415-417	2.6	13
7	Design of a 900 MHz Dual-Mode SWIPT for Low-Power IoT Devices. *Sensors*, **2019**, 19,	3.8	8
6	Design of a High Performance RF Energy Harvester for Wide Input Power Range **2019**,		1
5	. *IEEE Transactions on Power Electronics*, **2019**, 34, 6803-6817	7.2	19
4	Single Inductor-Multiple Output DPWM DC-DC Boost Converter with a High Efficiency and Small Area. *Energies*, **2018**, 11, 725	3.1	4
3	A Design of Ambient RF Energy Harvester with Sensitivity of −21 dBm and Power Efficiency of a 39.3% Using Internal Threshold Voltage Compensation. *Energies*, **2018**, 11, 1258	3.1	11
2	A 5.2 GHz RF Energy Harvester System Using Reconfigurable Parallel Rectenna **2018**,		1
1	Design of a capacitor-less LDO with high PSRR for RF energy harvesting applications **2017**,		3