

Kyung-Sik Choi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Fully Integrated 490-GHz CMOS Heterodyne Imager Adopting Second Subharmonic Resistive Mixer Structure. IEEE Microwave and Wireless Components Letters, 2019, 29, 673-676.	3.2	8
2	An LPWAN Radio with a Reconfigurable Data/Duty-Cycled-Wake-Up Receiver. , 2022, , .		7
3	A 915 MHz, 499 μ W, -99 dBm, and 100 kbps BFSK Direct Conversion Receiver. , 2019, , .		6
4	A 5.5-dBm, 31.9% Efficiency 915-MHz Transmitter Employing Frequency Tripler and 207- μ W Synthesizer. IEEE Microwave and Wireless Components Letters, 2020, 30, 90-93.	3.2	6
5	A Sub-nW Single-Supply 32-kHz Sub-Harmonic Pulse Injection Crystal Oscillator. IEEE Journal of Solid-State Circuits, 2021, 56, 1849-1858.	5.4	6
6	A -123 -dBm Sensitivity Split-Channel BFSK Reconfigurable Data/Wake-Up Receiver for Low-Power Wide-Area Networks. IEEE Journal of Solid-State Circuits, 2021, 56, 2656-2667.	5.4	5
7	Analysis and Design of Inductorless Transimpedance Amplifier Employing Nested Feedforward Noise-Canceling Amplifiers. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 3923-3932.	4.6	5
8	500 GHz CMOS heterodyne imager adopting fourth subharmonic passive mixer. Microwave and Optical Technology Letters, 2020, 62, 683-687.	1.4	3
9	A 0.3-to-1-GHz IoT Transmitter Employing Pseudo-Randomized Phase Switching Modulator and Single-Supply Class-G Harmonic Rejection PA. IEEE Journal of Solid-State Circuits, 2022, 57, 892-905.	5.4	3
10	An Active Leakage Canceller Adopting Switched-Capacitor Digital Power Amplifier for UHF-RFID Transceiver. IEEE Microwave and Wireless Components Letters, 2021, 31, 604-607.	3.2	3
11	A Low-Noise and Fast-Settling UHF RFID Receiver With Digitally Controlled Leakage Cancellation. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2810-2814.	3.0	3
12	A 5 dBm 30.6% Efficiency 915 MHz Transmitter with 210μ W ULP PLL Employing Frequency Tripler and Digitally Controlled Duty/Phase Calibration Buffer. , 2020, , .		2
13	A 915 MHz IoT Transmitter Employing Frequency Tripler and Digitally Controlled Duty-Cycle/Phase Calibration. IEEE Journal of Solid-State Circuits, 2022, 57, 3336-3347.	5.4	2
14	A Fully Integrated 490-GHz CMOS Receiver Adopting Dual-Locking Receiver-Based FLL. IEEE Journal of Solid-State Circuits, 2022, 57, 2626-2639.	5.4	0
15	CMOS Fractional-N Frequency Synthesizer for UHF RFID Reader Applications With Transformer-Based ISF Manipulation VCO. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 4083-4087.	3.0	0