

Abhishek Srivastava

List of Publications by Year in descending order

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18
papers

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#	ARTICLE	IF	CITATIONS
1	Analysis and Design Considerations for Achieving the Fundamental Limits of Phase Noise in mmWave Oscillators With On-Chip MEMS Resonator. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1108-1112.	3.0	5
2	Design and Implementation of 0.23 nJ/bit Reference-Spur-Free FSK/OOK Transmitter at 400 MHz for Wearable Health Monitoring. , 2021, , .		2
3	A Context-aware Reconfigurable Transmitter with 2.24 pJ/bit, 802.15.6 NB-HBC and 4.93 pJ/bit, 400.9 MHz MedRadio Modes with 33.6% Transmit Efficiency. , 2020, , .		7
4	Noise-power-area optimised design procedure for OTAs with complementary input transistors for neural amplifiers. IET Circuits, Devices and Systems, 2020, 14, 702-706.	1.4	1
5	Analysis and Design of Low Phase Noise LC Oscillator for Sub-mW PLL-Free Biomedical Receivers. , 2019, , .		0
6	Design and development of an Internet-of-Things enabled wearable ExG measuring system with a novel signal processing algorithm for electrocardiogram. IET Circuits, Devices and Systems, 2019, 13, 903-907.	1.4	5
7	A pulse oximeter system, OxiSense , with embedded signal processing using an ultra-low power ASIC designed for testability. Microelectronics Journal, 2018, 72, 1-10.	2.0	6
8	Bio-WiTel: A Low-Power Integrated Wireless Telemetry System for Healthcare Applications in 401-406 MHz Band of MedRadio Spectrum. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 483-494.	6.3	20
9	0.36 nJ/bit MedRadio Band OOK Transmitter for Wearable Healthcare Applications. , 2018, , .		1
10	0.43-nJ/bit OOK Transmitter for Wearable and Implantable Devices in 400-MHz MedRadio Band. IEEE Microwave and Wireless Components Letters, 2018, 28, 263-265.	3.2	6
11	LNA-LO Co-design Considerations for Low Intermediate Frequency Receivers in 401-406 MHz MedRadio Spectrum for Healthcare Applications. , 2017, , .		1
12	A noise-power-area optimized novel programmable gain and bandwidth instrumentation amplifier for biomedical applications. , 2017, , .		2
13	Bio-telemetry and bio-instrumentation technologies for healthcare monitoring systems. , 2016, , .		3
14	A novel low-noise fully differential CMOS instrumentation amplifier with 1.88 noise efficiency factor for biomedical and sensor applications. Microelectronics Journal, 2016, 53, 35-44.	2.0	23
15	SAW resonator oscillator based injection locked OOK transmitter for MedRadio spectrum. , 2016, , .		3
16	Design and measurement techniques for a low noise amplifier in a receiver chain for MedRadio spectrum of 401-406 MHz frequency band. , 2016, , .		1
17	FSK demodulator and FPGA based BER measurement system for low IF receivers. , 2016, , .		1
18	A novel FM/FSK based receiver front-end for MedRadio spectrum in 401-406 MHz band. , 2015, , .		3