# Abhishek Srivastava

List of Publications by Year
in descending order



| 18 | 90 | 1684188 5 | 1720034 7 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 18 | 18 | 18 | 97 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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 |
| 2 | Bio-WiTel: A Low-Power Integrated Wireless Telemetry System for Healthcare Applications in 401â€“406 MHz Band of MedRadio Spectrum. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 483-494. | 6.3 | 20 |
| 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 | 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 |
| 5 | 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 |
| 6 | Design and development of an Internetâ€ofâ€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 | 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 |
| 8 | A novel FM/FSK based receiver front-end for MedRadio spectrum in 401–406 MHz band. , 2015, , . | | 3 |
| 9 | Bio-telemetry and bio-instrumentation technologies for healthcare monitoring systems. , 2016, , . | | 3 |
| 10 | SAW resonator oscillator based injection locked OOK transmitter for MedRadio spectrum. , 2016, , . | | 3 |
| 11 | A noise-power-area optimized novel programmable gain and bandwidth instrumentation amplifier for biomedical applications. , 2017, , . | | 2 |
| 12 | Design and Implementation of 0.23 nJ/bit Reference-Spur-Free FSK/OOK Transmitter at 400 MHz for Wearable Health Monitoring. , 2021, , . | | 2 |
| 13 | Design and measurement techniques for a low noise amplifier in a receiver chain for MedRadio spectrum of 401â€“406 MHz frequency band. , 2016, , . | | 1 |
| 14 | FSK demodulator and FPGA based BER measurement system for low IF receivers. , 2016, , . | | 1 |
| 15 | LNA-LO Co-design Considerations for Low Intermediate Frequency Receivers in 401-406 MHz MedRadio Spectrum for Healthcare Applications. , 2017, , . | | 1 |
| 16 | 0.36 nJ/bit MedRadio Band OOK Transmitter for Wearable Healthcare Applications. , 2018, , . | | 1 |
| 17 | Noiseâ€powerâ€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 |
| 18 | Analysis and Design of Low Phase Noise LC Oscillator for Sub-mW PLL-Free Biomedical Receivers. , 2019, , . | | 0 |