

Hui Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

211
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1163117
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all docs

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times ranked

225
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | An Energy-Efficient 3.7-nV/<inline-formula> & <tex-math notation="LaTeX"> & \$surd\$ & /tex-math> & /inline-formula>Hz Bridge Readout IC With a Stable Bridge Offset Compensation Scheme. IEEE Journal of Solid-State Circuits, 2019, 54, 856-864. | 5.4 | 37 |
| 2 | Wearable Multiple Modality Bio-Signal Recording and Processing on Chip: A Review. IEEE Sensors Journal, 2021, 21, 1108-1123. | 4.7 | 24 |
| 3 | A 4.5 nV/&^{\sim}Hz Capacitively Coupled Continuous-Time Sigma-Delta Modulator with an Energy-Efficient Chopping Scheme. IEEE Solid-State Circuits Letters, 2018, 1, 18-21. | 2.0 | 18 |
| 4 | 9.8 An energy-efficient 3.7nV/&^{\sim}Hz bridge-readout IC with a stable bridge offset compensation scheme. , 2017, , . | | 15 |
| 5 | A 30 ppm < 80 nJ Ring-Down-Based Readout Circuit for Resonant Sensors. IEEE Journal of Solid-State Circuits, 2016, 51, 187-195. | 5.4 | 11 |
| 6 | A CMOS temperature sensor with a 49fJK² resolution FoM. , 2017, , . | | 11 |
| 7 | Energy-efficient bridge-to-digital converters. , 2018, , . | | 11 |
| 8 | A combined low power SAR capacitance-to-digital analog-to-digital converter for multisensory system. Analog Integrated Circuits and Signal Processing, 2013, 75, 311-322. | 1.4 | 10 |
| 9 | Chopping in continuous-time sigma-delta modulators. , 2017, , . | | 10 |
| 10 | An energy-efficient reconfigurable readout circuit for resonant sensors based on ring-down measurement. , 2014, , . | | 9 |
| 11 | A 15-nW per Sensor Interference-Immune Readout IC for Capacitive Touch Sensors. IEEE Journal of Solid-State Circuits, 2019, 54, 1874-1882. | 5.4 | 9 |
| 12 | A 117-dB In-Band CMRR 98.5-dB SNR Capacitance-to-Digital Converter for Sub-nm Displacement Sensing With an Electrically Floating Target. IEEE Solid-State Circuits Letters, 2020, 3, 9-12. | 2.0 | 8 |
| 13 | Power-Efficiency Evolution of Capacitive Sensor Interfaces. IEEE Sensors Journal, 2021, 21, 12457-12468. | 4.7 | 8 |
| 14 | A Power-Efficient Readout for Wheatstone-Bridge Sensors With COTS Components. IEEE Sensors Journal, 2017, 17, 6986-6994. | 4.7 | 7 |
| 15 | A 5-Channel Unipolar Fetal-ECG Readout IC for Patch-Based Fetal Monitoring. IEEE Solid-State Circuits Letters, 2019, 2, 71-74. | 2.0 | 7 |
| 16 | An Energy-Efficient BJT-Based Temperature-to-Digital Converter with $\hat{\pm}0.13\text{\AA}^{\circ}\text{C}$ ($3\text{\AA}f$) Inaccuracy from -40 to 125 $\text{\AA}^{\circ}\text{C}$. , 2019, , . | | 5 |
| 17 | A chopper current feedback instrument amplifier with bandpass amplification stage. Analog Integrated Circuits and Signal Processing, 2014, 81, 763-775. | 1.4 | 3 |
| 18 | A 117DB in-Band CMRR 98.5DB SNR Capacitance-to-Digital Converter for Sub-NM Displacement Sensing with an Electrically Floating Target. , 2018, , . | | 3 |

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|----|--|----|-----------|
| 19 | 27.5 A 30ppm <80nJ ring-down-based readout circuit for resonant sensors. , 2015, , . | | 2 |
| 20 | A 15nW Per Button Noise-Immune Readout IC for Capacitive Touch Sensor. , 2018, , . | | 2 |
| 21 | A Continuous-Time Readout IC with 0.12 aF/ãHz for Capacitive Inertial Sensors. , 2021, , . | | 1 |