

Hui Jiang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7621073/publications.pdf>

Version: 2024-02-01

21
papers

211
citations

1163117

8
h-index

1281871

11
g-index

21
all docs

21
docs citations

21
times ranked

225
citing authors

#	ARTICLE	IF	CITATIONS
1	Wearable Multiple Modality Bio-Signal Recording and Processing on Chip: A Review. IEEE Sensors Journal, 2021, 21, 1108-1123.	4.7	24
2	Power-Efficiency Evolution of Capacitive Sensor Interfaces. IEEE Sensors Journal, 2021, 21, 12457-12468.	4.7	8
3	A Continuous-Time Readout IC with 0.12 aF/Å ² Hz for Capacitive Inertial Sensors. , 2021, , .		1
4	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
5	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
6	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
7	An Energy-Efficient 3.7-nV/Å ² Hz Bridge Readout IC With a Stable Bridge Offset Compensation Scheme. IEEE Journal of Solid-State Circuits, 2019, 54, 856-864.	5.4	37
8	An Energy-Efficient BJT-Based Temperature-to-Digital Converter with Å±0.13Å°C (3Åf) Inaccuracy from -40 to 125Å°C. , 2019, , .		5
9	A 4.5 nV/Å ² 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
10	A 117DB in-Band CMRR 98.5DB SNR Capacitance-to-Digital Converter for Sub-NM Displacement Sensing with an Electrically Floating Target. , 2018, , .		3
11	A 15nW Per Button Noise-Immune Readout IC for Capacitive Touch Sensor. , 2018, , .		2
12	Energy-efficient bridge-to-digital converters. , 2018, , .		11
13	9.8 An energy-efficient 3.7nV/Å ² Hz bridge-readout IC with a stable bridge offset compensation scheme. , 2017, , .		15
14	Chopping in continuous-time sigma-delta modulators. , 2017, , .		10
15	A Power-Efficient Readout for Wheatstone-Bridge Sensors With COTS Components. IEEE Sensors Journal, 2017, 17, 6986-6994.	4.7	7
16	A CMOS temperature sensor with a 49fK ² resolution FoM. , 2017, , .		11
17	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
18	27.5 A 30ppm <80nJ ring-down-based readout circuit for resonant sensors. , 2015, , .		2

#	ARTICLE	IF	CITATIONS
19	A chopper current feedback instrument amplifier with bandpass amplification stage. Analog Integrated Circuits and Signal Processing, 2014, 81, 763-775.	1.4	3
20	An energy-efficient reconfigurable readout circuit for resonant sensors based on ring-down measurement. , 2014, , .		9
21	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