

Gwangrok Jung

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

74
citations

2258059

3
h-index

2272923

4
g-index

11
all docs

11
docs citations

11
times ranked

96
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A Reduced-Wire ICE Catheter ASIC With Tx Beamforming and Rx Time-Division Multiplexing. IEEE Transactions on Biomedical Circuits and Systems, 2018, 12, 1246-1255. | 4.0 | 24 |
| 2 | Supply-Doubled Pulse-Shaping High Voltage Pulser for CMUT Arrays. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 306-310. | 3.0 | 13 |
| 3 | A Power-Efficient Bridge Readout Circuit for Implantable, Wearable, and IoT Applications. IEEE Sensors Journal, 2020, 20, 9955-9962. | 4.7 | 12 |
| 4 | Single-Chip Reduced-Wire CMUT-on-CMOS System for Intracardiac Echocardiography. , 2018, , . | | 8 |
| 5 | Single-chip reduced-wire active catheter system with programmable transmit beamforming and receive time-division multiplexing for intracardiac echocardiography. , 2018, , . | | 8 |
| 6 | Front-end electronics for cable reduction in Intracardiac Echocardiography (ICE) catheters. , 2016, , . | | 3 |
| 7 | On-chip reduced wire transceiver for high frequency CMUT imaging system. , 2015, , . | | 2 |
| 8 | Toward an Energy-Efficient Bridge-to-Digital Intracranial Pressure Sensing Interface. , 2018, , . | | 2 |
| 9 | Supply-Inverted Bipolar Pulser and Tx/Rx Switch for CMUTs Above the Process Limit for High Pressure Pulse Generation. IEEE Sensors Journal, 2019, 19, 12050-12058. | 4.7 | 2 |
| 10 | Beyond supply-voltage bootstrapped pulser for driving CMUT arrays in ultrasound imaging. , 2017, , . | | 0 |
| 11 | Notice of Removal: Supply-inverted bipolar pulser and Tx/Rx switch for CMUTs capable of tolerating voltage levels above process limit. , 2017, , . | | 0 |