

Lakshmi Areekath

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | An Auto-Balancing Capacitance-to-Pulse-Width Converter for Capacitive Sensors. IEEE Sensors Journal, 2021, 21, 765-775. | 4.7 | 11 |
| 2 | Analysis of a Direct Microcontroller Interface for Capacitively Coupled Resistive Sensors. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10. | 4.7 | 11 |
| 3 | A Closed-Loop Capacitance-to-Frequency Converter for Single-Element and Differential Capacitive Sensors. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 8773-8782. | 4.7 | 14 |
| 4 | A Simple Direct Microcontroller Interface for Capacitively-Coupled Resistive Sensors. , 2020, , . | | 1 |
| 5 | An Extended Study on an Interference-Insensitive Switched Capacitor CDC. IEEE Sensors Journal, 2019, 19, 8283-8292. | 4.7 | 7 |
| 6 | A Closed-Loop Capacitance to Pulse-Width Converter for Single Element Capacitive Sensors. , 2019, , . | | 2 |
| 7 | An Electric-Field Based Breathing Rate Monitor. , 2018, , . | | 2 |
| 8 | An interference-insensitive switched-capacitor CDC. , 2017, , . | | 1 |