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Advance in Low-Noise, Low-Power Integrated Smart Sensors

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Message from the Guest Editors

This Special Issue is meant to collect research or review papers focused on innovative smart sensors, with particular emphasis on new material properties, new sensing structures, original sensing principle, and a successful combination of physical or chemical sensing devices with effective readout interfaces. The goal is to provide a deep insight into new and future advances in the field of smart sensors, giving particular priority to proven or envisioned improvements in terms of size, power consumption, resolution and accuracy.

Keywords

- materials for sensor
- sensor architectures
- chemical sensors
- physical sensors
- MEMS and MOEMS
- detection noise
- sensor readout interfaces



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Special Issue



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Message from the Editor-in-Chief

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