

Special Issue

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

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

Guest Editors

Prof. Dr. Paolo Bruschi

University of Pisa, Dipartimento di Ingegneria dell'Informazione, via Caruso 16, I-56122 Pisa, Italy

Dr. Alessandro Catania

Dipartimento di Ingegneria dell'Informazione, University of Pisa, via Caruso 16, I-56122 Pisa, Italy

Deadline for manuscript submissions

closed (31 January 2022)



Materials

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Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



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Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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