

## Special Issue

# MEMS and NEMS Sensors: 2nd Edition

### Message from the Guest Editor

Dear colleagues, This Special Issue aims to introduce the manufacturing, packaging, and integration of autonomous and embedded sensors through a combination of micro- and nano-systems. Topics in general include, but are not limited to, the following:

- Autonomous and embedded sensors: design, manufacture, packaging, and reliability;
- Biosensors (photonic, electrical, chemical) and their integration into MEMS, CMOS, and microfluidic systems for COVID-19 and other (future) pandemic proteins/metabolites/analytes;
- Sensor interconnectors/interfaces and their testing;
- Graphene-based nano-sensors;
- Electronic circuits for MEMS nano-sensor modulation;
- Nano-electro-mechanical sensors.

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### Guest Editor

Prof. Dr. Mustafa Yavuz

Mechanical and Mechatronics Engineering Department, University of Waterloo, Waterloo, ON N2L 3G1, Canada

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### Deadline for manuscript submissions

closed (25 November 2024)



## Sensors

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## About the Journal

### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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### Editor-in-Chief

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