



*sensors*



an Open Access Journal by MDPI

## Novel Approaches for Advancing Wearable Sensing Technologies

Guest Editor:

### **Dr. Emmanouil Rousakis**

Wellman Center for  
Photomedicine, Massachusetts  
General Hospital and Harvard  
Medical School, Boston, MA  
02115, USA

Deadline for manuscript  
submissions:

**closed (30 April 2021)**

### **Message from the Guest Editor**

Dear Colleagues,

Wearable sensing devices for health monitoring are becoming increasingly widespread in the general population, in addition to their expanding use in the hospital settings they were once limited to. This necessitates innovations aimed at making them smaller and more ergonomic, more sensitive and accurate, easy to use, and configured to provide readouts that are straightforward to interpret.

For this Special Issue, we would like to invite the submission of manuscripts focusing on new, application-oriented research for improving device performance, design, and data reporting, overall leading to innovations in the development of new wearable sensing technologies for health and physiological performance monitoring. Studies describing novel approaches in any of the areas of synthesis and material development, electronics and engineering, device design, or data analysis, with a focus on improving health and performance monitoring using wearable devices, are welcome.

Dr. Emmanouil Rousakis

*Guest Editor*



[mdpi.com/si/54806](https://mdpi.com/si/54806)

# Special Issue



*sensors*



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Vittorio M. N. Passaro**

Department of Electrical and  
Information Engineering,  
Politecnico di Bari, Via Orabona  
4, 70126 Bari, Italy

## 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.

## Author Benefits

**Open Access** : free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility**: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Ei Compendex](#), [Inspec](#), [Astrophysics Data System](#), and [other databases](#).

**Journal Rank**: JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)

## Contact Us

---

*Sensors* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sensors](http://mdpi.com/journal/sensors)  
[sensors@mdpi.com](mailto:sensors@mdpi.com)  
[X@Sensors\\_MDPI](#)