







an Open Access Journal by MDPI

# **Recent Developments in Sensors for Wearable Device Applications**

Guest Editors:

Dr. Rex X. Tan

Dr. Sunit Jariwala

Dr. Ali Asgar Bhagat

Dr. Yung Chuen Tan

Deadline for manuscript submissions:

closed (20 February 2024)

### **Message from the Guest Editors**

In the current state, limitations are still present in multiple aspects for efficient real-life implementation of wearable sensors. Advances in material science, electronics, computing, and data science enabled numerous wearable applications and are at the core of the realization of wearable sensors and are of interest to this Special Issue.

Potential topics include but are not limited to:

- Design, and implementation of novel wearable sensors
- Novel material for wearable sensors
- Data processing for wearable devices
- Algorithms for signal processing with wearable sensor
- Implementation of wearable sensors in health monitoring
- Development of wearable sensors for physiological monitoring
- Development of wearable sensor for biochemical monitoring
- Development of wearable sensors for human augmentation
- IoT-based wearable sensor systems
- Hardware design of sensors for wearable applications













an Open Access Journal by MDPI

### **Editor-in-Chief**

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

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 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 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

#### **Contact Us**