Special Issue

Wearable Sensors and Its Applications: Revolutionizing Healthcare, Fitness, and Beyond

Message from the Guest Editor

This Special Issue aims to showcase the latest advancements in wearable sensor design, materials, and applications. Topics:

- Novel sensor materials and fabrication techniques: Advances in flexible, stretchable, and biocompatible materials for wearable sensors;
- Sensor integration and miniaturization: Techniques for seamlessly integrating sensors into clothing, accessories, or directly on the body;
- Data processing and analysis: Algorithms for extracting meaningful information from wearable sensor data, including machine learning and artificial intelligence applications;
- Healthcare applications: Wearable sensors for continuous health monitoring, disease diagnosis, and treatment (telemedicine);
- Fitness and wellness: Wearable devices for tracking physical activity, sleep, and stress levels;
- Human–computer interactions: Wearable sensors for enhancing user experiences and enabling new forms of interaction;
- Antennas for wearable technology and body area networks.

Guest Editor

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Deadline for manuscript submissions

closed (15 April 2025)

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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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