

Special Issue

Advances in Wearable and Implantable Biosensors: Materials, Design, and Applications

Message from the Guest Editors

This Special Issue highlights advances in wearable and implantable biosensors, focusing on innovative materials, device design, and biomedical applications. It features cutting-edge research enabling real-time, personalized health monitoring—key to digital health and precision medicine. Topics include flexible electronics, biocompatible materials, miniaturized implants, wireless integration, and multiplexed biomarker detection. Contributions span from material synthesis to clinical translation for disease diagnosis, chronic condition management, and remote healthcare. We welcome original research and reviews addressing challenges in sensitivity, stability, and biocompatibility. This issue aims to foster interdisciplinary collaboration to accelerate the development of next-generation biosensors and proactive, patient-centric healthcare.

Guest Editors

Dr. Zhanhong Li

School of Health Science and Engineering, University of Shanghai for Science and Technology, Shanghai 200093, China

Dr. Cheng Yang

School of Chemistry, Dalian University of Technology, Dalian, China

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

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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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Department of Electrical and Information Engineering, Politecnico di
Bari, Via Orabona 4, 70126 Bari, Italy

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