Special Issue

Wearable Bioelectronic Devices Based on Stretchable Textile

Message from the Guest Editors

Textiles, as one of the most commonly used wearable platforms, have enormous potential for the development of wearable bioelectronics. Recent advances in stretchable textile-based materials have facilitated the development of wearable bioelectronic devices with improved comfort and flexibility. Such devices are capable of monitoring various physiochemical health indicators, providing healthcare professionals with real-time data, and assisting patients in better managing their conditions. As research in this area continues to develop, new and innovative wearable bioelectronic devices that are both highly functional and comfortable to wear are likely to emerge. Stretchable textile-based wearable bioelectronic devices have the potential to revolutionize biomedical *sensing* and wearable electronics. This will allow for improvements in healthcare outcomes, athletic performance, big data, and even fashion. In this regard, we welcome submissions in the exciting area of stretchable textiles for wearable bioelectronic devices, and we eagerly anticipate new insights to be gained from the new research.

Guest Editors

Dr. Mengmeng Liu

Dr. Wen Cheng

Dr. Zifeng Wang

Dr. Weidong Yang

Deadline for manuscript submissions

closed (20 November 2023)

Biosensors

an Open Access Journal by MDPI

Impact Factor 5.6
CiteScore 12.1
Indexed in PubMed

mdpi.com/si/169768

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

mdpi.com/journal/biosensors

Biosensors

an Open Access Journal by MDPI

Impact Factor 5.6
CiteScore 12.1
Indexed in PubMed

mdpi.com/journal/biosensors

About the Journal

Message from the Editor-in-Chief

Biosensors is a leading journal, devoted to fast publication of the latest achievements, technological developments and scientific research in the exciting multidisciplinary area of biosensors. Both experimental and theoretical papers are published, including all aspects of biosensor design, technology, proof of concept and application. Special issues are devoted to specific technologies and applications, and a selection of the most outstanding papers each year is recognized. Pushing the boundaries of the discipline, we invite original papers, as well as timely reviews on cutting edge fields within the subject area.

Editor-in-Chief

Prof. Dr. Giovanna Marrazza
Department of Chemistry "Ugo Schiff", University of Florence, Via della Lastruccia 3, 50019 Sesto Fiorentino, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Embase, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q1 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20.6 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the second half of 2025).

MDPI