

Special Issue

Recent Advances in Wearable Flexible Electronics

Message from the Guest Editor

Flexible and stretchable electronics is one of the most promising fields for diverse scientific and industrial areas, such as electronic skin, wearables devices, and biosensing. This has led to several studies on the synthesis of flexible conductive materials as an alternative to conventional rigid silicon-based technology, thus meeting the requirements of these applications (lightness, mechanical flexibility, transparency, etc.). Efforts in this direction have resulted in several outstanding advances in many flexible electronics areas, including sensors, antennas, and energy-storage devices. This Special Issue, “Recent Advances in Wearable Flexible Electronics”, covers the fabrication and characterization of these kind of devices and their use for the development of wearable electronics systems for different applications. Original papers, communications, and reviews covering advances in the field of flexible electronics for wearable applications are warmly welcomed to contribute to this Special Issue.

Guest Editor

Dr. Francisco J. Romero

Department of Electronics and Computer Technology, University of Granada, 18071 Granada, Spain

Deadline for manuscript submissions

closed (31 May 2025)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/171491

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

[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)



About the Journal

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

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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)