

Special Issue

Biomedical Sensors-Recent Advances and Future Challenges

Message from the Guest Editor

This Special Issue is devoted to original peer-reviewed papers covering all aspects of biomedical sensors. It is focussed on biomedical sensors, including source and detection technologies for the study, treatment, and prevention of various diseases and injuries; biomedical sensor design and fabrication, performance, processing approaches, and applications; new developments and recent improvements in designs; and the electronics, data processing, and materials of biomedical sensors. The articles should address the most recent advances and future perspectives and challenges in biomedical sensors. In the Special Issue, we would like to publish high-quality manuscripts, particularly review contributions, that demonstrate the advances in biomedical sensors.

Guest Editor

Prof. Dr. James F. Rusling

1. Department of Chemistry, University of Connecticut, Storrs, CT 06269-3060, USA
2. Department of Surgery and Neag Cancer Center, Uconn Health, Farmington, CT 06030-0001, USA

Deadline for manuscript submissions

closed (30 June 2021)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/53085

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)