

Special Issue

Microwave Sensors in Biomedical Systems

Message from the Guest Editors

Microwave sensors comprise resonant and broadband techniques that can be applied in combination with microfluidic systems to investigate biological materials. Based on the application, appropriate characterization, extraction, and modelling methods can be applied to obtain the relevant information. Thus, this call for a Special Issue of *Sensors* invites contributions from authors studying manufacturing, device and system design, and characterization and modelling, among others. Research topics of interest include but are not limited to the following:

- New technologies for manufacturing microwave-microfluidic devices.
- New technologies for manufacturing devices for tissue characterization.
- Design of devices for the narrowband and broadband sensing of biological materials.
- Design of devices for tissue characterization.
- Design of supporting microwave circuitry for microwave-microfluidic systems.

Guest Editors

Dr. Carolin Hessinger

Dr. Tomislav Markovic

Prof. Dr. Rolf Jakoby

Deadline for manuscript submissions

closed (30 September 2022)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/103258

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)