

Special Issue

Sensors and Advanced Medical Imaging

Message from the Guest Editors

Anatomy and physiology are the fundamentals of medicine. One of the earliest medical sensors, the stethoscope, is still an invaluable medical tool for examining the structure and function of the heart. The stethoscope is also an excellent tool for diagnosing disease. The electrocardiogram, a wearable sensor, provided novel insight into the electrical nervous system of the heart. Advanced imaging in the form of ultrasound, computed tomography, magnetic resonance imaging, and nuclear medicine has revolutionized the ability to diagnose and monitor disease by not only providing detailed anatomical imaging but also physiologic information. More recently, molecular imaging has also become a more routine part of standard of care. The next leap forward will require the synergistic combination of advanced sensor technology and imaging. This powerful combination will provide new insights into the structure and function of both health and disease. For detailed information, please visit [here](#).

Guest Editors

Prof. Dr. Phillip H. Kuo

Prof. Dr. Bijan Najafi

Prof. Dr. Janet Meiling Roveda

Prof. Dr. David G. Armstrong

Deadline for manuscript submissions

closed (28 August 2023)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/134670

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)