

Special Issue

Advanced Biomedical Optics and Imaging

Message from the Guest Editor

This Special Issue of *Sensors* is devoted to Advanced Biomedical Optics and Imaging—a rapidly developing field of cutting-edge optical and photonic technologies addressing fundamental and applied biomedical problems, such as early diagnosis and effective treatment of diseases. The papers invited should cover a range of emerging areas in the sections of advanced biomedical imaging and biospectroscopy, novel approaches in biophotonic diagnostics and therapeutics, multimodal and multispectral approaches, biooptical sensing techniques, optical biopsies, nanobiophotonics, and neurophotonics. Papers on these key topics may provide comprehensive reviews of the current situation in the field, future trends, as well as original research results and recent developments, both experimental and theoretical. These studies will contribute to the development of new diagnostic, therapeutic, and theranostic modalities serving healthcare and improving human wellbeing. MDPI provides a rapid publication for all types of papers, including not only short communications and letters but also comprehensive reviews and research studies.

Guest Editor

Prof. Dr. Alexandre Douplik

Department of Physics, Toronto Metropolitan University, 350 Victoria Street, Toronto, ON M5B 2K3, Canada

Deadline for manuscript submissions

closed (15 March 2023)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/89738

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)