



sensors



an Open Access Journal by MDPI

Advanced Optoelectronic Biomedical Sensing Technology

Guest Editors:

Prof. Dr. Małgorzata Szczerska

Department of Metrology and Optoelectronics, Faculty of Electronics, Telecommunications and Informatics, Gdańsk University of Technology, 80-233 Gdansk, Poland

Prof. Dr. Paweł Wierzba

Department of Metrology and Optoelectronics, Faculty of Electronics, Telecommunications and Informatics, Gdańsk University of Technology, 80-233 Gdansk, Poland

Deadline for manuscript submissions:
closed (15 March 2021)

Message from the Guest Editors

Recent advances in optoelectronic materials, components, and systems have opened up new opportunities for sensing and imaging in biomedical applications. This Special Issue of *Sensors*, entitled ‘Advanced Optoelectronic Biomedical Sensing Technology’, will focus on all aspects of research and development related to this area of applications.

Original research papers that focus on the design, modeling, and experimental testing of new sensors and imaging systems that use optical radiation for biomedical sensing are welcome, as are papers that cover testing of such sensors and systems in their target applications.

Review papers on selected fields in optoelectronic biomedical sensing will also be published. They should provide an up-to-date, impartial/unbiased overview of the current state-of-the-art in a particular area while including key results from relevant research groups.



mdpi.com/si/38479

Special Issue



sensors



an Open Access Journal by MDPI

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

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.

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 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)