Special Issue

Portable Biosensor Based on Optical Technology for High Sensitivity Biomolecular Detection

Message from the Guest Editors

With the advent of the 4th industrial era, research on the development of portable sensor devices capable of easily discriminating in the field and integrating detection signals into digital devices has been rapidly developed. One of the potential technologies for rapidly detecting biomolecules in the field is optical biosensors such as SPR, SERS, and optical fiber-based biosensors. This Special Issue also includes portable sensor technologies, such as optical sensors, using microfluidic devices and colorimetric paper sensors integrated with digital imaging analyzers.

Guest Editors

Dr. Yun Suk Huh

Department of Biological Engineering, Biohybrid Systems Research Center (BSRC), Inha University, Incheon 22212, Korea

Prof. Bong Gill Choi

Department of Chemical Engineering, Kangwon National University, Samcheok, Korea

Deadline for manuscript submissions

closed (30 September 2020)

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/si/34341

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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

MDPI

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)