

Special Issue

Recent Advances in High Sensitive Point-of-Care (POC) Diagnostics

Message from the Guest Editor

Point-of-care (POC) diagnostics have unique advantages in terms of portability and ease of use; therefore, POC diagnostics are considered the best candidates that meet the purpose of on-site diagnostics where medical diagnostic testing needs. Especially, if high sensitive POC device can be realized, one can apply POC device more widely for medical diagnosis, virus detection, food safety and environmental monitoring, etc. This Special Issue includes, but is not limited to, the following:

- Novel point-of-care (POC) materials
- Digital microfluidics
- High sensitive electrical devices
- High sensitive MEMS devices
- Novel sample preparation devices
- Acoustic based sample separations
- Device platform using non-invasive human samples (urine/saliva/sweat)
- Wearable devices for POCT
- Chemical sensing applications using POCT
- Biosensing applications using POCT
- Novel target marker for POCT

Guest Editor

Prof. Dr. Jeong Hoon Lee

Electrical Engineering, Kwangwoon University, Seoul 01897, Republic of Korea

Deadline for manuscript submissions

closed (15 March 2020)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/16564

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](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)