

Special Issue

State-of-the-Art Lab-on-a-Chip Technology

Message from the Guest Editor

Lab-on-a-chip platforms become inexpensive commercial microfluidic platforms that have revolutionized the fields of point-of-care medical diagnostics and other rapid in-field testing for a variety of applications from chemical and biological warfare detection to environmental monitoring. Other cutting-edge LOC platforms have been developed for scalable drug development and testing, genomic and proteomic analysis, stem cell research, chemical synthesis, and a wide range of other applications.

Researchers are encouraged to submit high-quality unpublished original research articles and review articles in the areas of microfluidics, micro- and nano-manufacturing, and applications that are directly relevant to lab-on-chip systems. Topics of particular interest include (but are not limited to):

- microfluidic/nanofluidic devices
- lab on a chip
- μ -TAS
- microfluidics
- micro/nano devices for chemical, biological, and medical applications
- micro- and nano-fabrication

Please contact the or the Assistant Editor at (ava.jiang@mdpi.com) for any queries. Please visit the website for more information.
<https://www.mdpi.com/si/108975>

Guest Editor

Dr. Lawrence Kulinsky

Department of Mechanical and Aerospace Engineering, University of California, Irvine, 4200 Engineering Gateway, Irvine, CA 92697-3975, USA

Deadline for manuscript submissions

closed (25 April 2024)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/si/108975](https://www.mdpi.com/si/108975)

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

[mdpi.com/journal/
sensors](https://www.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

Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 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)