

Special Issue

Affinity-Based Sensors

Message from the Guest Editors

This Special Issue is dedicated to articles on the development and application of various affinity-based sensors, which can be applied for various analytical and bioanalytical applications, including biomedical analysis, food, and beverage control, etc. Recently, significant attention has been paid to the development of sensors (immunosensors and RNA/DNA sensors) for the diagnosis of COVID-19, and/or for the determination of some of the structures through which the SARS-CoV-2 virus consists. Articles about the other affinity sensors are also welcome. Research addressing the development of immunosensors based on conducting polymers and/or on the application of ion-selective electrodes will also be accepted with great pleasure. The application of synthetic receptors and molecularly imprinted polymers seems to be very promising for the development of affinity sensors; therefore, we are accepting articles from synthetic receptor and molecularly imprinted polymer related research. For more details, please visit [here](#).

Guest Editors

Prof. Dr. Arunas Ramanavicius

NanoTechnas—Center of Nanotechnology and Materials Science,
Faculty of Chemistry and Geosciences, Vilnius University, Naugarduko
Str. 24, LT-03225 Vilnius, Lithuania

Dr. Inga Morkvenaite-Vilkonciene

1. Department of Mechatronics, Robotics, and Digital Manufacturing,
Vilnius Gediminas Technical University, J. Basanaviciaus Str. 28, LT-
03224 Vilnius, Lithuania
2. Laboratory of Electrochemical Energy Conversion, Center for
Physical Sciences and Technology, Sauletekio Av. 3, LT-10257 Vilnius,
Lithuania

Deadline for manuscript submissions

closed (25 February 2023)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/78253

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)