





an Open Access Journal by MDPI

Chemical Sensors and Biosensors for Biomedical and Environmental Application: Recent Advances and Future Perspectives

Guest Editor:

Dr. Yoay Broza

Department of Chemical Engineering and Russell Berrie Nanotechnology Institute, Technion–Israel Institute of Technology, Haifa 3200003, Israel

Deadline for manuscript submissions:

closed (20 December 2022)

Message from the Guest Editor

This Special Issue will be dedicated to a didactic examination of the concepts and approaches related to emerging chemistries, sensing materials, and transduction techniques used for biomarker-based sensing, IoT, and solutions for both medical and environmental evaluations. The particular topics of interest include, but are not limited to:

- Chemosensors
- Biosensors
- Point of care sensing
- Environmental monitoring
- Diagnostic sensors
- Wearable sensors
- IoT solutions for sensing technologies
- Medical devises
- Air and water pollution
- Hazardous chemical monitoring
- Environmental agriculture sensing
- Hybrid sensors
- Volatile organic compounds











an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Nicole Jaffrezic-Renault

Institute of Analytical Sciences, UMR CNRS 5280, Department LSA, 5 Rue de La Doua, 69100 Villeurbanne, France

Message from the Editor-in-Chief

Chemosensors is an international, scientific, open access journal on the science and technology of chemical sensors published by MDPI. All articles are released on the internet immediately following acceptance. The journal publishes reviews, regular research papers, and communications. The scope of Chemosensors includes:

New chemical sensors design

Electrochemical devices, potentiometric sensor, redox

electrode

Optical chemical sensors

Analytical methods

Environmental monitoring

Gas detectors

electronic nose, etc.

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), CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q1 (*Instruments & Instrumentation*) / CiteScore - Q2 (*Analytical Chemistry*)

Contact Us