

Special Issue

Selected Papers from XIV. Workshop of Physical Chemists and Electrochemists

Message from the Guest Editor

Nowadays new techniques and advanced materials are being developed to improve analytical properties of chemical sensors. For this purpose, physical chemistry and electrochemistry play an important role from both theoretical and experimental points of view. The XIV. Workshop of Physical Chemists and Electrochemists (Brno, Czech Republic, 2014) was devoted to the subject with focus on nano- and biotechnology. Contributions concerned the detection of analytes ranging from small molecules through nucleic acids to microorganisms. The required sensing was achieved by improving currently used methods, including modification of electrode surfaces by nanostructures, and by organic and inorganic nanoparticles. Authors are invited to submit the extended versions of their original papers and contributions regarding this topic.

Guest Editor

Dr. Libuše Trnková

Laboratories of Biophysical Chemistry and Electrochemistry (LABIFEL),
Department of Chemistry (A12/229), Faculty of Science, Masaryk
University, Kamenice 5, 625 00 Brno, Czech Republic

Deadline for manuscript submissions

closed (31 October 2014)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 9.4
Indexed in PubMed



mdpi.com/si/3682

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 9.4
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)