



an Open Access Journal by MDPI

Polymers Based Chemical Sensors

Guest Editors:

Prof. Dr. José Miguel García

Polymer Research Group, Faculty of Science, University of Burgos, 09001 Burgos, Spain

Dr. José Antonio Reglero Ruiz

Polymer Research Group, Faculty of Science, University of Burgos, 09001 Burgos, Spain

Dr. Saúl Vallejos Calzada

Departamento de Química, Facultad de Ciencias, Universidad de Burgos, Plaza de Misael Bañuelos s/n, 09001 Burgos, Spain

Deadline for manuscript submissions:

closed (31 July 2018)

Message from the Guest Editors

This Special Issue on polymer-based chemical sensors is devoted to the discussion and dissemination of the latest research in this quickly-evolving field. Emphasis will be placed on the preparation and applications of organic and hybrid polymers as sensing materials for the detection of chemicals of interest in solution and in the gas phase, in civil security and in the biomedical, food, environmental, and industrial fields, etc.

- Polymer chemosensors
- Piezoelectric sensors
- Chemomechanical sensors
- Electrochemical sensors
- Colorimetric sensors
- Fluorescence sensors
- Chemical sensor array
- Sensing of cations
- Sensing of anions
- Sensing of explosives
- Sensing of chemical warfare agents
- Sensing of biomolecules
- Sensing of pollutants



mdpi.com/si/9194

Special Issue



an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Jin-Ming Lin

Beijing Key Laboratory of
Microanalytical Methods and
Instrumentation, Department of
Chemistry, Tsinghua University,
Beijing 100084, China

Prof. Dr. Nicole Jaffrezic- Renault

Institute of UTINAM, University of
Franche-Comté, UMR-CNRS 6213,
16 Gray Road, 25030 Besançon,
France

Message from the Editorial Board

Chemosensors continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

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](#), [Engineering Village](#) and [other databases](#).

Journal Rank: JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Physical and Theoretical Chemistry)

Contact Us

Chemosensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/chemosensors
chemosensors@mdpi.com
[X@chemosens_MDPI](https://twitter.com/chemosens_MDPI)