Special Issue

Polymer Based Chemosensors

Message from the Guest Editors

Polymer-based chemical sensors for detecting analytes in gas and liquid environments are very promising for many applications, including environmental monitoring, automotive, medicine, safety, and other purposes in industry and everyday life. In this Special Issue, we would like to focus on chemical sensors, in which polymers are used as the receptor materials or play a key role in sensing. Different kinds of sensors, such as: chemiresistors, chemFETs, electrochemical, optical, and mass-sensitive sensors will be appropriate here. Any types of polymers including conventional polymers, conductive polymers, biopolymers, and their composites will be considered. Investigations on functionalization methods, which lead to the improvement of sensing properties of polymeric receptor materials, are highly desirable. All analytical works on the sensing mechanisms of polymer-based chemosensors are also welcome. Both original research papers and review articles will be considered for publication. For more information, check out here.

Guest Editors

Dr. Marcin Procek

Dr. Agnieszka Stolarczyk

Dr. Tomasz Jarosz

Deadline for manuscript submissions

closed (20 October 2022)

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

mdpi.com/journal/chemosensors

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About the Journal

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.

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

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