

Special Issue

Nanomaterials Synthesis for Both Sensors and Environmental Applications

Message from the Guest Editor

The topics covered in this Special Issue will represent recent innovations in nanomaterials synthesis and characterization for use in both sensors and environmental applications. The removal of toxic contaminents from water, the catalytic oxidation of toxic gases such as carbon monoxide, as well as the synthesis and characterization of nanomaterials for biosensing applications are some of the topics that will be covered in this Special Issue. Both review and original research articles are welcomed from a broad spectrum of disciplines such as physics, chemistry, biochemistry, medicine, analytical science, environmental science, materials science, and engineering to highlight the latest developments and future challenges in this exciting field of nanomaterials synthesis and characterization.

- nanomaterials synthesis and characterization
- graphene-based nanocomposites for electronic applications
- nanomaterials for biosensors use and applications
- nano-oxides for CO catalytic oxidation and other catalytic applications
- graphene-based nanomaterials for environmental applications
- nanomaterials use for sensors applications

Guest Editor

Dr. Sherif Moussa

Department of Chemistry, Virginia Commonwealth University,
Richmond, VA 23284, USA

Deadline for manuscript submissions

closed (20 July 2022)



Chemosensors

an Open Access Journal
by MDPI

Impact Factor 4.4
CiteScore 8.1



mdpi.com/si/43162

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

[mdpi.com/journal/
chemosensors](https://mdpi.com/journal/chemosensors)





Chemosensors

an Open Access Journal
by MDPI

Impact Factor 4.4
CiteScore 8.1



[mdpi.com/journal/
chemosensors](https://mdpi.com/journal/chemosensors)



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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPus / SciFinder, Inspec, Engineering Village and other databases.

Journal Rank:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.8 days after submission; acceptance to publication is undertaken in 3.7 days (median values for papers published in this journal in the first half of 2026).