

Special Issue

Carbon Nanomaterials and Related Materials for Sensing Applications

Message from the Guest Editors

The application of carbon nanomaterials (carbon nanotubes, carbon nanofibers, graphene, graphene oxide, porous carbons, diamond-like carbons, etc.) and related materials for chemical sensing is important. This Special Issue will focus on understanding the properties of carbon nanomaterials and their impact on various sensors. In particular, the characteristics of sensors, such as response, sensitivity, selectivity, operating temperature, operating relative humidity, and their interconnection with structure, surface area, chemistry of surface of active materials are of interest.

Modification, functionalization, and activation of surface of carbon nanomaterials in order to improve the response and other characteristics is also an urgent problem to be considered in the Special Issue. In this Special Issue, we invite researchers and authors to submit review articles and original research on Carbon Nanomaterials and Related Materials for Sensing Applications. For more information, please check out [here](#).

Guest Editors

Dr. Alexander G. Bannov

Prof. Dr. Tamara Basova

Dr. Alexey Glushenkov

Prof. Dr. Mahmut Durmuş

Deadline for manuscript submissions

closed (31 May 2023)



Chemosensors

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.0



mdpi.com/si/64479

Chemosensors
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 3.7
CiteScore 5.0



[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. Nicole Jaffrezic-Renault

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

Prof. Dr. Jin-Ming Lin

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

Author Benefits

High Visibility:

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

Journal Rank:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 17.1 days after
submission; acceptance to publication is undertaken in 2.6
days (median values for papers published in this journal in
the first half of 2024).