

Special Issue

Analytical and Computational Systems in Biosensing

Message from the Guest Editors

Research on both analytical and computational approaches that can be used in biosensing constitute scientific and social hot topics nowadays. It is a good opportunity to present advances in analytical instrumentation, and/or its applications, as well as computational approaches, like machine learning, artificial neural networks, data mining, pattern recognition, classification and modelling techniques and feature selection, among others. Multidisciplinary approaches will also be appreciated. This special issue aims to collect ongoing, cutting-edge studies that deal with the development of sensors or sensing systems that can be applied in the biological world. As a matter of example: Analytical Chemistry, Computational Science, imaging, PCR and qPCR, miniaturization, etc.

Applications presenting in-silico, in-vitro and in-vivo research in the analytical, medical, biological and/or point-of-care diagnosis fields will be welcomed as well.

- Analytical Chemistry Analytical Instrumentation
- Artificial Intelligence
- Chemometrics
- Computer Science
- Data Science
- Health and wellbeing Monitoring
- Machine Learning
- Point of care diagnostics
- Sensor systems
- Biosensors

Guest Editors

Dr. Jose Manuel Andrade

Group of Applied Analytical Chemistry, Campus da Zapateira s/n,
University of A Coruña, 15071 A Coruña, Spain

Dr. Marcos Gestal

1. Grupo RNASA-IMEDIR, Facultade de Informática, Universidade da Coruña, Campus de Elviña, 15071 A Coruña, Spain
2. Centro de Investigación CITIC, Universidade da Coruña, Campus de Elviña, 15071 A Coruña, Spain

Deadline for manuscript submissions

closed (31 December 2022)



Chemosensors

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 7.3



mdpi.com/si/85402

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 3.7
CiteScore 7.3



[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 20.5 days after
submission; acceptance to publication is undertaken in 2.8
days (median values for papers published in this journal in
the first half of 2025).