Special Issue

Analytical Methods for Food and Environmental Pollutants: Current and Future Perspectives

Message from the Guest Editors

Modern environmental analytical chemistry has been described as an effort to detect an increasing number of exotic and emerging contaminants at trace levels. The acquisition of accurate chemical data in environmental systems and effective management of pollutants are essential for environmental preservation. This Special Issue aims to cover the most significant developments and innovative use of analytical methods to investigate environmentally relevant pollutants. Contributions focusing on the following areas of pollutant analysis are invited:

- Sampling (passive sampling and improving sample representativeness);
- Sample preparation (new developments for enhanced solvent extractions, alternative phases for sorptive extractions, and new configurations and strategies in microextractions);
- Analytical instrumentation (hyphenated techniques using mass spectrometry for organic pollutants, atomic spectrometry for trace metals and metalloids, and sensors and biosensors in field pollution control);
- Environmetric tools (quantitative methods and statistical evaluation).

Guest Editors

Dr. Julia Martín

Departamento de Química Analítica, Universidad de Sevilla, E-41011 Sevilla, Spain

Prof. Dr. Esteban Alonso

Departamento de Química Analítica, Escuela Politécnica Superior, Universidad de Sevilla, C/Virgen de África 7, E-41011 Sevilla, Spain

Deadline for manuscript submissions

closed (31 July 2025)

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/187323

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

mdpi.com/journal/molecules

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/journal/molecules

MDPI

About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt
Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Reaxys, CaPlus / SciFinder, MarinLit, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.1 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 2025).