

Special Issue

Advances in Environmental Analytical Chemistry

Message from the Guest Editors

Development in analytical chemistry aims for high-performance instrumentation, including automation, with consideration for sensitivity, selectivity, and precision. Another approach is simple sensor devices with sufficient specificity and accuracy, which are also in huge demand. These features will benefit the study of environmental chemistry. This Special Issue considers: (1) the advances in environmental analytical chemistry, development in analytical methodologies, instrumentations, chemical analysis as tools for environmental studies; (2) developments in any steps of chemical analysis to promote advances in the investigation of our environment; and (3) the fates of chemical species in our environment (lithosphere, biosphere, and atmosphere). The works will serve various goals of the United Nation Sustainable Development Goals (UN-SDGs).

Guest Editors

Prof. Dr. Kate Grudpan

Department of Chemistry, Faculty of Science, and Center of Excellence for Innovation in Analytical Science and Technology for Biodiversity-Based Economic and Society, Chiang Mai University, 239 Huay Kaew Rd, Tambon Su Thep, Mueang Chiang Mai District, Chiang Mai 50200, Thailand

Prof. Dr. Wolfgang Frenzel

Environmental Chemistry and Air Research, Institute of Environmental Technology, Technische Universität Berlin, D-10623 Berlin, Germany

Deadline for manuscript submissions

closed (31 December 2023)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/112552

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

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



About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of 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).