



Determination of Trace Heavy Metals and Metalloids in Environmental Samples

Guest Editors:

Prof. Dr. Giuseppe Scarponi

Prof. Dr. Silvia Illuminati

Prof. Dr. Anna Annibaldi

Prof. Dr. Cristina Truzzi

Deadline for manuscript
submissions:

closed (30 June 2020)

Message from the Guest Editors

Dear Colleagues,

This Special Issue has the broad scope to provide an overview of current trends in analytical methods to determine heavy metal(loid)s in environmental matrices. Contributions are expected to include fundamental studies referred to set up of specific analytical methods, as well as real-case multidisciplinary investigations. Applications extend to extreme environments (such as Polar Regions, high altitude lands, deserts, stratosphere, ocean depths and floors), to inaccessible sites (using unmanned vehicles), to all kinds of biota, to humans, to food and beverage, etc. In addition to “heavy” metal(loid)s, we expect that authors will add also other major and minor constituents, and also limited organic compounds, to give full characterization of matrices, when appropriate for the completeness of the study reported. Studies of environmental chemometrics are also welcome.

All papers will be published individually as soon as they are accepted, which ensures very fast publication speed for individually articles.

Prof. Dr. Giuseppe Scarponi

Prof. Dr. Cristina Truzzi

Prof. Dr. Anna Annibaldi

Prof. Dr. Silvia Illuminati

Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical
Biology and Phytochemistry,
University of Münster,
Corrensstrasse 48, D-48149
Münster, Germany

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Reaxys](#), [CaPlus / SciFinder](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Chemistry, Multidisciplinary*) / CiteScore - Q1 (*Chemistry (miscellaneous)*)

Contact Us

Molecules Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](https://twitter.com/X@Molecules_MDPI)