

Special Issue

Environmental Fate and Residue, Toxicity, and Risk Assessment of Pesticides

Message from the Guest Editors

Agrochemicals are used to control pests, diseases in crops and weeds and promote crop growth, which is an important cornerstone for ensuring food production. However, with the use of pesticides, the problems of their residues and environmental pollution have also emerged. Research on pesticide residues, environmental fate, metabolites, dietary risk assessment and ecological risk assessment is particularly important nowadays when food safety and environmental safety are given high priority. We are pleased to invite you to submit your innovative research to this Special Issue entitled "Environmental Fate and Residue, Toxicity, and Risk Assessment of Pesticides". In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: pesticide residues, environmental behavior, risk assessment, pesticide toxicology, etc.

Guest Editors

Dr. Zhiguang Hou

College of Plant Protection, Jilin Agricultural University, Changchun 130118, China

Dr. Xuesheng Li

Guangxi Key Laboratory of Agro-Environment and Agro-Product Safety, Agricultural College, Guangxi University, Nanning 530004, China

Deadline for manuscript submissions

closed (30 June 2024)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/149238

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 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).