Special Issue

Analytical Research and Toxicological Determination of Pesticides

Message from the Guest Editors

The editorial board of Molecules (IF: 4.6, ISSN 1420-3049) invites you to submit an article or review to a Special Issue entitled "Analytical Research and Toxicological Determination of Pesticides". This Special Issue aims to explore the latest advancements in the analytical research and toxicological determination of pesticides. We seek contributions that focus on innovative analytical methods for detecting pesticide residues, understanding their mechanisms of action, assessing their environmental and health impacts, and developing safer and more sustainable pest control strategies. Topics of interest include, but are not limited to, the following:

- Novel analytical techniques for pesticide detection;
- Mechanism of pesticide resistance;
- Mechanisms of action of various pesticides;
- Environmental and health impact assessments of pesticides;
- Risk assessment models for pesticide exposure;
- Toxicological studies on pesticides;
- Environmental monitoring of pesticide residues;
- Sustainable pest control strategies.

Guest Editors

Prof. Dr. Qian Han

Prof. Dr. Qisheng Song

Prof. Dr. Jinsong Zhu

Deadline for manuscript submissions

closed (31 December 2024)



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Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/208324

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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

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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).

