

Special Issue

Toxicity of Phthalate Esters (PAEs)

Message from the Guest Editor

Phthalate esters (PAEs) are widely used plasticizers that gradually separate from the product matrix into the environment due to weak non-covalent bonding. Found in air, soil, water, sediment, food, drinking water, and human body fluids, PAEs are common organic pollutants with significant environmental and health concerns. They exhibit estrogen-like effects and disrupt endocrine systems, affecting growth, development, and reproduction. Despite restrictions on their production and use, PAEs remain a widespread pollutant. This Special Issue aims to delve into the toxic effects and mechanisms of PAEs and their metabolites. We invite you to submit reviews and research papers on in vitro and in vivo toxicity studies of PAEs, using animals, plants, or microorganisms, to enhance our understanding of the ecological and health risks they pose.

Guest Editor

Dr. Zhenxing Chi

Department of Environmental Engineering, School of Marine Science and Technology, Harbin Institute of Technology, Weihai 264209, China

Deadline for manuscript submissions

closed (25 July 2025)



Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/227082

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

mdpi.com/journal/

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





Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

Toxics (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

Editor-in-Chief

Dr. Demetrio Raldúa
Department Environmental Chemistry, IDAEA-CSIC, Jordi Girona 18,
08034 Barcelona, Spain

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Toxicology) / CiteScore - Q1 (Chemical Health and Safety)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.1 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).