Special Issue

Oxidative Degradation and Toxicity of Environmental Pollutants

Message from the Guest Editors

Industrial development must take sustainability into consideration. Particularly, organic pollutants generated by many of these industries can enter water bodies, soil, and the atmosphere, causing environmental pollution that consequently leads to health issues and other problems.

Advanced oxidation processes (AOPs) for treating refractory organic contaminants present in different industrial wastewaters and soil, such as textile, paper, pulp, pharmaceuticals, petrochemicals, and refinery by-products. These are usually discharged into the environment and degrade into additives like bisphenol A, phthalates, dioxins, polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and heavy metals, which are carcinogenic and toxic.

This Topical will focus on recent advancements in the oxidative degradation and toxicity of environmental pollutants, particularly emerging organic contaminants. Topics of interest include, but are not limited to, novel technologies for pollutant oxidative degradation, their underlying mechanisms, and related interdisciplinary insights.

Authors are invited to submit original research papers, reviews, and short communications.

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Deadline for manuscript submissions

31 October 2025

Toxics

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/236273

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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.

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