

Special Issue

Progress in Synthesis and Applications of Phosphorus-Containing Compounds

Message from the Guest Editor

Organophosphorus compounds, due to their interesting physicochemical properties, have found wide applications in many important areas of the chemical industry, such as the synthesis of utility chemicals (e.g., flame retardants, anticorrosive coatings, and adhesives), ligands for catalysis, agrochemicals (e.g., insecticides, herbicides, and fungicides), and finally, pharmaceutically active compounds. Unsurprisingly, owing to the importance of phosphorus-containing compounds, several methods have emerged for their effective synthesis also in an asymmetric fashion. This Special Issue of *Organics* aims to provide an overview of the latest progress in the Synthesis and Applications of Phosphorus-Containing Compounds. Experimental contributions, including full papers, communications, as well as reviews describing the synthesis and applications of organophosphorus compounds are welcome.

Guest Editor

Dr. Tomasz K. Olszewski

Department of Physical and Quantum Chemistry, Faculty of Chemistry,
Wrocław University of Science and Technology, Wybrzeże
Wyspińskiego 29, 50-370 Wrocław, Poland

Deadline for manuscript submissions

closed (30 November 2022)



Organics

an Open Access Journal
by MDPI

Impact Factor 1.6
CiteScore 2.8



mdpi.com/si/56838

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

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





Organics

an Open Access Journal
by MDPI

Impact Factor 1.6
CiteScore 2.8



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



About the Journal

Message from the Editor-in-Chief

Organics is a new open-access journal that offers rapid dissemination of innovative, informative, and impactful results in every aspect of organic chemistry, with a particular emphasis on new or significantly improved research results in the field of organic chemistry. The aim of this journal is to encourage scientists to publish their experimental and theoretical results in great detail to facilitate the advancement of organic chemistry. Sample research topics that span the journal's scope are organic synthesis, synthetic methodology, theoretical organic chemistry, physical organic chemistry, supramolecular and macromolecular chemistry, heterocyclic chemistry, organocatalysis, bioorganic chemistry, organometallic chemistry, functional organic materials, etc. We are flexible with the types of manuscripts accepted, including original research articles, short communications, highlights of new developments and insightful critical reviews.

Editor-in-Chief

Prof. Dr. Wim Dehaen

Molecular Design and Synthesis, Department of Chemistry, KU Leuven,
Leuven Chem&Tech, Celestijnenlaan 200F, B-3001 Leuven, Belgium

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, ESCI (Web of Science), CAPlus / SciFinder, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 36.3 days after submission; acceptance to publication is undertaken in 5.2 days (median values for papers published in this journal in the first half of 2025).