

Special Issue

Recent Advances in Asymmetric Transfer Hydrogenation

Message from the Guest Editors

Asymmetric transfer hydrogenation is a highly efficient catalytic process enabling the reduction of ketones, imines and even alkenes and carboxylic compounds to chiral products. Since its introduction into organic synthesis, thanks to the fundamental work of Noyori and Ikariya, numerous papers have been published describing the successful application of this method in both laboratory and industrial processes. To date, many highly effective catalysts have been proposed and a number of useful solvent and hydrogen donor systems have been developed, making the method highly versatile. However, in some specific cases, it is not possible to obtain satisfactorily high chemical yields and chiral transfer, which means that this method is still open to modifications and extensions. We therefore invite interested researchers to share their experiences in this field with a wider audience.

Guest Editors

Prof. Dr. Zbigniew Czarnocki

Laboratory of Natural Products Chemistry, The Faculty of Chemistry,
University of Warsaw, 02-093 Warsaw, Poland

Dr. Zuzanna Molęda

Laboratory of Natural Products Chemistry, The Faculty of Chemistry,
University of Warsaw, 02-093 Warsaw, Poland

Deadline for manuscript submissions

30 September 2026



Organics

an Open Access Journal
by MDPI

Impact Factor 1.6
CiteScore 2.8



mdpi.com/si/274181

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 an 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. Main subject areas include but are not limited to: 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. There is no restriction on the maximum length of the papers. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible.

Editor-in-Chief

Prof. Dr. Wim Dehaen

Sustainable Chemistry for Metals and Molecules, Department of Chemistry, KU Leuven, Celestijnenlaan 200F, 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), CAPIus / SciFinder, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 22.3 days after submission; acceptance to publication is undertaken in 4.7 days (median values for papers published in this journal in the second half of 2025).