

Special Issue

Biocatalysis- Biotransformations in Organic Synthesis

Message from the Guest Editor

Biocatalysis has long been known as a green technology, capable of delivering highly stereo-, chemo-, and regioselective transformations that can sometimes allow the number of steps in a synthetic route to be reduced. The contributions of biocatalysis and biotransformations in organic synthesis are of increasing importance and reflect the emerging challenge for the academic community and the chemical industry as they move towards green and sustainable chemistry. The modern demands for environmentally friendly processes during the production of useful compounds are satisfied by the application of biocatalytic transformations on the most important reaction steps of the synthetic protocol. Biotransformations offer a great opportunity for their applications in cascade one-pot processes.

Guest Editor

Dr. Ioulia Smonou

Department of Chemistry, University of Crete, Campus Voutes-Heraklion, 71003 Crete, Greece

Deadline for manuscript submissions

closed (31 December 2020)



Catalysts

an Open Access Journal
by MDPI

Impact Factor 3.8
CiteScore 6.8



mdpi.com/si/28245

Catalysts

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
catalysts@mdpi.com

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





Catalysts

an Open Access Journal
by MDPI

Impact Factor 3.8
CiteScore 6.8



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



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Keith Hohn
Carl R. Ice College of Engineering, Kansas State University, Manhattan,
KS, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec,
CAPlus / SciFinder, CAB Abstracts, and other databases.

Journal Rank:

JCR - Q2 (Chemistry, Physical) / CiteScore - Q1 (General
Environmental Science)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 12.9 days after
submission; acceptance to publication is undertaken in 2.8
days (median values for papers published in this journal in
the first half of 2024).