

Special Issue

Multicomponent Catalytic Reactions Under Green Conditions, 2nd Edition

Message from the Guest Editor

Multicomponent Reactions (MCRs), where three or more starting materials are combined and mostly incorporated in the final product, have a long history and brilliant future in green chemistry. MCRs are precious tools in the hands of a green synthetic chemist. The proper selection of the starting materials, the reaction conditions, and the catalyst offers an even greener approach than traditional multicomponent reactions that were originally developed more than a century ago with no awareness of green chemistry principles. Submissions to this Special Issue on "Multicomponent Reactions under Green Conditions" are welcome in the form of original research papers, reviews, or communications that highlight the state of research in the development of novel or revisited Multicomponent Reactions under green conditions, ranging from heterogeneous catalysis to green solvents or solventless conditions, microwave and ultrasound-assisted reactions or any other environmentally-friendly C–C and C–heteroatom bond-forming methodologies following the principles of green and sustainable synthesis.

Guest Editor

Prof. Dr. Giovanna Bosica

Laboratory of Green Synthetic Organic Chemistry, Department of Chemistry, University of Malta, MSD 2080 Msida, Malta

Deadline for manuscript submissions

closed (31 May 2025)



Catalysts

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 7.6



mdpi.com/si/200908

Catalysts
Editorial Office
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 4.0
CiteScore 7.6



[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, Ei Compendex, 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 16.6 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).