

Special Issue

Ionic Liquids and Deep Eutectic Solvents in Catalysis

Message from the Guest Editors

We welcome original research papers, review articles and short communications on the latest research progress of ionic liquids and deep eutectic solvents in the field of catalysis. Ionic liquids and deep eutectic solvents may replace the use of volatile organic solvents owing to their unique and tunable physicochemical properties, low vapor pressure and ability to dissolve a variety of inorganic and organic compounds. In addition, they may possess catalytically active functional groups. Moreover, they may be supported on porous or non-porous inorganic materials, nanoparticles, etc., combining their chemical features with the benefits associated with heterogeneous catalysis, e.g., the ease of catalyst recovery and reuse. We also welcome studies on the synthesis of new ionic liquids with potential catalytic properties assessed via characterization studies, such as measurements of acid–base properties, etc. Accepted papers will be promptly published online.

Guest Editors

Dr. Anabela A. Valente

Department of Chemistry, CICECO-Aveiro Institute of Materials, University of Aveiro, 3810-193 Aveiro, Portugal

Dr. Sofia M. Bruno

Department of Chemistry, CICECO-Aveiro Institute of Materials, University of Aveiro, Campus Universitário de Santiago, 3810-193 Aveiro, Portugal

Deadline for manuscript submissions

closed (31 July 2025)



Catalysts

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 7.6



mdpi.com/si/210645

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 15.9 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the second half of 2025).