

Special Issue

Advances in Polymer-Supported and Polymer-Immobilized Catalysts

Message from the Guest Editor

Polymer-immobilized catalysts have advanced widely over the past years. The recent development of polymer-based catalysts caused the identification of numerous highly active catalysts, which are, however, still far less known than metal/metal oxide catalysts. The polymeric catalysts were efficiently used in various applications such as the photocatalytic degradation of organic pollutants (e.g., dye, drug, and other organic compounds) and organic reactions. The polymer-immobilized catalysts have higher catalytic activities and stereoselectivities compared with their corresponding low-molecular-weight catalysts in homogeneous solution systems. The heterogeneity of the organic reaction using polymeric catalysts gives great advantages in the synthetic process. This Special Issue welcomes both review and original research articles on all aspects of polymer-supported and polymer-immobilized catalysts in the organic reactions and the degradation of organic pollutants. The Special Issue will focus on, but is not limited to, polymer-supported and polymer-immobilized catalysts and applications.

Guest Editor

Dr. Ehsan Nazarzadeh Zare

School of Chemistry, Damghan University, Damghan 36716-45667, Iran

Deadline for manuscript submissions

closed (1 December 2023)



Catalysts

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 7.6



mdpi.com/si/160449

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).