# Special Issue

## Recent Trends in Enzyme Immobilization

### Message from the Guest Editors

At present, enzymes have been widely used as biological catalysts in several fields, including foods, feedstuffs, detergents, pharmaceuticals, cosmetics, biofuels, fine chemicals, energy generation, paper manufacturing, textile, leather, environmental protection, and so on. However, the application of their free forms in industrial production may be limited by their high loadings, fragile nature, and difficult recovery and recycling. These disadvantages can be overcome by enzyme immobilization, which can promote the effective recovery and recycling of the enzymes and improve their properties, such as activity, selectivity, and long-term operational stability in industrial applications. For this Special Issue, contributions on all aspects of enzyme immobilization are welcome, which may be related to fundamental science or practical applications and can be outlined by the keywords given below.

### **Guest Editors**

Prof. Dr. Yihan Liu

College of Biotechnology, Tianjin University of Science and Technology, Tianjin 300457, China

Prof. Dr. Liang Zhang

Engineering Research Center for Cereal Fermentation and Food Biomanufacturing, School of Biotechnology, Jiangnan University, Wuxi, China

### Deadline for manuscript submissions

closed (31 July 2023)



# **Catalysts**

an Open Access Journal by MDPI

Impact Factor 4.0 CiteScore 7.6



### mdpi.com/si/119866

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

mdpi.com/journal/catalysts





# **Catalysts**

an Open Access Journal by MDPI

Impact Factor 4.0 CiteScore 7.6



## **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).

