

## Special Issue

# Immobilized Enzymes: Strategies for Enzyme Stabilization

### Message from the Guest Editor

Enzymes are able to catalyze the most complex chemical processes under the most benign experimental and environmental conditions. In this way, enzymes could be excellent catalysts for a much more sustainable chemical industry. For industrial applications, enzymes have to be immobilized, via simple and cost-effective protocols, in order to be re-used for very long periods of time. From this point of view, immobilization, simplicity and stabilization are strongly related concepts. The preparation of optimal and cost-effective enzyme biocatalyst is the main topic of this special issue. This Special Issue is devoted to:

- The critical revision of simple protocols for immobilization-stabilization of enzymes
- The improvement of functional properties of enzymes via immobilization and post-immobilization techniques.

---

### Guest Editor

Prof. Dr. Jose M. Guisan

Department of Biocatalysis, Institute of Catalysis, Spanish Research Council, ICP-CSIC, Campus UAM, 28049 Madrid, Spain

---

### Deadline for manuscript submissions

closed (15 November 2016)



## Catalysts

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.0  
CiteScore 8.3



[mdpi.com/si/6773](https://mdpi.com/si/6773)

*Catalysts*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[catalysts@mdpi.com](mailto:catalysts@mdpi.com)

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





# Catalysts

an Open Access Journal  
by MDPI

Impact Factor 4.0  
CiteScore 8.3



[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).