

## Special Issue

# Advanced Catalysts for Achieving Hydrogen Economy from Liquids

### Message from the Guest Editors

This Special Issue of the journal *Catalysts* entitled 'Advanced Catalysts for Achieving Hydrogen Economy from Liquids' aims to publish original research articles, reviews/mini-reviews, and perspectives on various topics related to the topic of hydrogen economy. This Special Issue mainly focuses on the recent progress made in photo/electrochemical water splitting for hydrogen and the efforts made in the utilization of hydrogen derived from water or alcohols to produce value-added chemicals via green catalysis. Articles of an interdisciplinary nature are particularly welcome. Submissions in the following areas relating to hydrogen energy are of special interest to the readers of this journal:

- Catalysts for water splitting
- Catalysis for hydrogen evolution combined with biomass oxidation
- Catalysis for tandem hydrogenation reactions with water or alcohols (oxygen reduction reactions, CO<sub>2</sub> reduction reactions, etc.)

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 June 2023)



## Catalysts

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

Prof. Dr. Keith Hohn  
Carl R. Ice College of Engineering, Kansas State University, Manhattan,  
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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).