

## Special Issue

# Advances in Catalysis and Surface Science: Material Manufacturing, Processing, and Performance Enhancement

### Message from the Guest Editors

We are inviting you to submit your research to this Special Issue of the *Journal of Manufacturing and Materials Processing* published by MDPI titled “Advances in Catalysis and Surface Science: Material Manufacturing, Processing, and Performance Enhancement”. This Special Issue aims to highlight advances in catalysis and surface science, addressing key challenges and future directions. Additionally, it aims to promote discussion on cutting-edge strategies to unravel the complexities of catalytic systems, from atomic-scale mechanisms to industrial applications. This Special Issue covers cutting-edge chemical fields in but not limited to the following topics:

- Advanced Catalytic Materials
- Surface Science and Characterization
- Catalytic Performance and Engineering
- Performance Enhancement and Applications

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### Guest Editors

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### Deadline for manuscript submissions

30 June 2026



## Journal of Manufacturing and Materials Processing

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## About the Journal

### Message from the Editor-in-Chief

*Journal of Manufacturing and Materials Processing (JMMP)* (ISSN 2504-4494) is a new MDPI peer-reviewed, open access venue with a focus on the scientific fundamentals and engineering methodologies of manufacturing and materials processing. We offer an online platform facilitating effective exchange of innovative scientific and engineering ideas and the dissemination of recent, original, and significant research and developmental findings. On behalf of the Editorial Board, I extend an invitation to our scientific and engineering colleagues to contribute high-quality, innovative, and ground-breaking research articles to *JMMP*.

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### Editor-in-Chief

Prof. Dr. Steven Y. Liang  
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(Mechanical Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.2 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the first half of 2025).