

## Special Issue

# Next-Generation Material Designs and Processes for Additive Manufacturing

### Message from the Guest Editors

The field of additive manufacturing is undergoing rapid evolution, demanding the development of new materials and innovative processes to fully harness its potential. The integration of additive manufacturing with emerging technologies such as machine learning, artificial intelligence, and process monitoring is driving significant advancements in this domain. These technologies are transforming material design, enabling real-time process control and enhancing the quality and efficiency of additive manufacturing. Given these advancements, we are pleased to invite researchers to contribute to this Special Issue, which will focus on next-generation material design techniques and processes in additive manufacturing. We encourage submissions that explore the additive manufacturing of metals, polymers, ceramics, composites, bio-inks, and other advanced materials via theoretical, computational, or experimental approaches, either separately or in combination. We look forward to receiving your groundbreaking research, shaping the future of additive manufacturing.

### Guest Editors

Dr. Mohammad Khondoker

Dr. Md Ahasan Habib

Dr. Farid Ahmed

### Deadline for manuscript submissions

closed (30 April 2026)



## Journal of Manufacturing and Materials Processing

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by MDPI

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Impact Factor 3.3  
CiteScore 5.2



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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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