

# Special Issue

## Biopolymers for 3D Printing

### Message from the Guest Editors

Biopolymers are a category of polymers that are derived from natural sources with good biodegradability. Some representative biopolymers include polylactic acid (PLA), polyhydroxyalkanoates (PHA), chitosan, and cellulose, which have been extensively used as build materials in different three-dimensional (3D) printing methods, such as fused deposition modeling (FDM), direct ink writing (DIW), stereolithography (SLA), and powder bed fusion. This Special Issue will focus on cutting-edge research advances in the area of biopolymers for 3D printing applications. Specific topics of interest include but are not limited to, biopolymer development, 3D printing methods for biopolymers, biomedical applications, process optimization in biopolymer printing, and recycling of 3D-printed biopolymers. Original research and review articles are welcome.

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### Guest Editors

Dr. Yifei Jin

Mechanical Engineering Department, University of Nevada Reno, Reno, NV 89557, USA

Dr. Kaidong Song

Department of Aerospace and Mechanical Engineering, University of Notre Dame, Mishawaka, ND, USA

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### Deadline for manuscript submissions

closed (30 June 2025)



## Polymers

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

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Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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