

Special Issue

Applications of 3D Printing for Polymers, 3rd Edition

Message from the Guest Editor

Polymer 3D printing is an emerging technology in both research and industry and has diverse applications. Common applications for polymer 3D printing include prosthetics in the medical industry, lightweight/high-strength parts for aerospace applications, and inexpensive customized parts for consumers. Regarding materials, there is a need for the further creation of polymers with advantageous properties and for measuring the performance of existing printed polymers. Addressing challenges in the design of polymers to form lattices, multi-material structures, and stimuli-responsive parts will support applications that utilize these designed features for improved performance and functionality.

This Special Issue welcomes papers on a wide variety of topics in polymer applications in 3D printing and research that support relevant fundamental advances; these applications can range from diverse industries including (but not limited to) medical, aerospace, automobile, electronics, and consumer, with 3D printing processes for extrusion, resin, and powder-based fabrication approaches.

Guest Editor

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Deadline for manuscript submissions

25 August 2025



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/195211

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Message from the Editor-in-Chief

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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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