Special Issue

Applications of 3D Printing for Polymers

Message from the Guest Editor

Polymer 3D printing is an emerging technology in research and industry for diverse applications ranging from prototypes to end-use designs. 3D printing uses additive manufacturing processes to fabricate designed parts using polymer materials including thermoplastics, thermosets, elastomers, biomaterials, and more. Polymer printing is advantageous for its wide range of material properties, inexpensive processing costs, and potential for complex design fabrication. 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.

This Special Issue welcomes papers on a wide variety of topics in polymer applications in 3D printing and research that supports 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

Dr. Paul F. Egan
Mechanical Engineering, Texas Tech University, Lubbock, TX 79409, USA

Deadline for manuscript submissions

closed (31 August 2022)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/51099

Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

mdpi.com/journal/polymers

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/journal/polymers

MDPI

About the Journal

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)