

## Special Issue

# Advanced Materials in 3D/4D Printing Technology

### Message from the Guest Editors

Combining cutting-edge 3D/4D printing technologies with advanced materials have given rise to disruptive breakthroughs in research such as complex designs in flexible electronics, biofabrication of humans-sized organs, adaptive soft robotics, personalized prosthesis and biomedicine. However, significant challenges still lie ahead and problems relating to material selection, multimaterial printing, print scalability, material processability, structure integrity and stability still need to be solved.

The goal of this Special Issue is to publish state-of-the-art reviews, original research articles as well as communications and letters from leaders in the field of 3D/4D printing. The topic focus will be on 3D/4D printing materials with novel and/or advanced functionalities. Submissions centering on novel applications of 3DP material, material synthesis and/or characterization are also welcomed.

---

### Guest Editors

Dr. Houwen Matthew Pan

School of Physical and Mathematical Sciences, Nanyang Technological University SPMS-CBC-05-05, 21 Nanyang Link, Singapore 637371, Singapore

Prof. Dr. Eric Luis

Faculty of Medicine, Macau University of Science and Technology, Avenida Wai Long, Taipa 999078, Macau

---

### Deadline for manuscript submissions

closed (30 June 2022)



## Polymers

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.7  
Indexed in PubMed



[mdpi.com/si/80501](https://mdpi.com/si/80501)

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

[mdpi.com/journal/  
polymers](https://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](https://mdpi.com/journal/polymers)



## 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)