

Special Issue

Polymeric Materials in 3D and 4D Printing

Message from the Guest Editor

Engineering by multilayered methodologies, such as 3D or 4D printing, is redefining the manufacturing process at multiscale levels with extraordinary design freedom in the era of digital fabrication technology. The stepwise layer-by-layer process which is typical in 3D printing to a continuous process may significantly accelerate the practical potential of printing technology. Being based on traditional 3D printing, it and 4D printing can encompass a wide range of disciplines, such as materials science, bioengineering, and chemistry/chemical engineering, and have the true potential to emerge as the next-generation manufacturing technique. The innovation of polymeric materials, the material properties discussion, the correlation between material and fabrication process, the novel applications of 3D or 4D printing with polymeric materials, and the state-of-the-art and limitations that exist in the current material modalities will be explored in this proposed Special Issue of *Polymers*.

Guest Editor

Prof. Dr. Yi-Wen Chen

Graduate Institute of Biomedical Sciences, China Medical University,
Taichung City 40402, Taiwan

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

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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 4.9.

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

Fraunhofer-Institut für Angewandte Polymerforschung, Lehrstuhl für Polymermaterialien und Polymertechnologie, Universität Potsdam, Geiselbergstraße 69, 14476 Potsdam-Golm, Germany

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