



polymers



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Advances in 3D Printing of Polymer Composites

Guest Editor:

Dr. Qinghua Wei

School of Mechanical
Engineering, Northwestern
Polytechnical University, Xi'an,
China

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Message from the Guest Editor

Compared with traditional manufacturing processes, 3D printing technology can directly manufacture any components with a complex internal and external structure, which greatly shortens the research and development cycle of new products and makes the process of product manufacturing easier. Currently, the applications of 3D printing technology as an advanced manufacturing technology cover almost all walks of life, including the 3D printing of polymer materials, which is this technology is used the most. To help to improve the performance of matrix materials so as to meet the requirements of products, the modification and printing process of polymer matrix materials have become a hot topic.

This Special Issue focuses on the modification of polymers and their printing process in different fields. Relevant topics include but are not limited to theoretical and experimental investigation, mechanical properties, electrical and magnetic properties, biological properties, thermal performance, structural characteristics, printing processes, and their applications. We also welcome contributions on the modeling and simulation of polymers used in 3D printing.



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Special Issue



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Editor-in-Chief

Prof. Dr. Alexander Böker

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

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.

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Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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