Special Issue

Recent Advances in 3D Printing of Polymer Composites

Message from the Guest Editors

Polymeric composites with fibers as reinforcement have gained the attention of researchers as well as industrialists. These composite materials have a high strength-to-weight ratio and have therefore become involved in a wide range of applications. Traditional manufacturing techniques, such as pultrusion, injection molding, resin transfer molding, filament winding, etc., have been adopted to manufacture fiber-reinforced polymer composites. However, these techniques require the usage of molds, thereby making them expensive. Furthermore, it is costly to produce complex and customized parts using these techniques. Three-dimensional printing (3DP) has arisen as a solution to the abovementioned challenges. Production using 3D printing involves printing successive data layers from a 3D model to create various materials, structures, and complicated geometries. This Special Issue, entitled "Recent Advances in 3D Printing of Polymer Composites", addresses the cutting-edge 3DP technologies used for polymer composites. The aim of this Special Issue is to broaden knowledge on recent scientific improvements in various aspects of 3DP technologies for polymer composites.

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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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