Special Issue

Advancements in Three-Dimensional Printing of Polymeric Materials

Message from the Guest Editor

Additive manufacturing is currently being hailed as an exceptional novel technology. 3D printing technologies are considered as one of the pillars of the Industry 4.0 revolution that is currently taking place. In the last 10 years, significant progress has been made with regard to the development of polymer-based formulations suitable for additive manufacturing processes and at present, a rich selection of such materials is available for different 3D printing techniques including fused filament fabrication (FFF), selective laser sintering (SLS), stereolithography (SLA), and 3D inkjet printing (IJP). This Special Issue aims to collate papers addressing the latest advancements in 3D printing of polymer-based systems, considering either thermoplastic- or thermoset-based formulations for applications in a wide array of fields. We welcome research articles, communications and reviews concerning, but not limited to, innovations in polymers and polymer-based complex systems for additive manufacturing processes, correlations between material properties and fabrication processes, structure–property relationships of the printed parts, and analyses on the 3D printability.

Guest Editor

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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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