Special Issue

Resins for Additive Manufacturing

Message from the Guest Editors

The use of liquid resins for additive manufacturing (AM) is increased in recent decades. A significant number of processes are subject to increasing interest in the market in the way to assist and enhance conventional manufacturing. Different resin chemistries range from acrylates to epoxies, cyanates, and polyurethanes are available for AM use. Currently, there is a substantial challenge associated with performing resins in order to present multifunctionalities, reusing, and recycling. In this way, we need to conduct further research to exploit the use of new resins, performed to withstand a precise work environment, and can be recycled at the end of life. This Special Issue of *Polymers* aims to publish not only cutting-edge original research works but also professional reviews on the topic of "Resins for Additive Manufacturing". The topical subjects to be addressed include but are not limited to:

- new blends for LCD/DLP/SLA manufacturing processes;
- applications of 3D printed resins for tooling, dental and medical appliances;
- recycling research and study of AM resin chemistry;
- life cycle analysis.

Guest Editors

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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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