







an Open Access Journal by MDPI

# Recent Advances in Injection Molding and Special Injection Molding Technologies

Guest Editor:

## Prof. Dr. Jian Wang

State Key Laboratory of Organic-Inorganic Composites, Beijing University of Chemical Technology, Beijing 100029, China

Deadline for manuscript submissions:

15 October 2024

## **Message from the Guest Editor**

Dear Colleagues,

Injection molding is the most commonly used manufacturing process for the batch preparation of polymer products. With the continuous updating of polymers and their composites, the requirements for injection molding technology are also increasing. In addition, there are a variety of special injection molding techniques that cannot be realized by standard injection molding processes, such as insert injection molding, etc. This Special Issue of the open-access journal Polymers will be **focused on but not limited** to the following topics:

# Keywords:

- Polymer testing techniques for injection molding;
- Plastic part design for injection molding;
- Mold design and tooling for injection molding;
- Novel injection molding machines;
- Intelligent/smart injection molding;
- Precision injection molding;
- Process/part monitoring for injection molding;
- Insert injection molding/injection overmolding;
- Injection compression molding;
- Foam injection molding;
- Fluid-assisted injection molding;
- Micro injection molding.



**Special**sue









an Open Access Journal by MDPI

## **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 5.0.

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.

## **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)

#### **Contact Us**