Special Issue

Advances in Injection Molding and Polymers Processing

Message from the Guest Editor

Injection molding, a versatile process that allows for the mass production of complex components, has long been a cornerstone of the plastics industry. Injection-molded products are widely used in our life, especially in fields like automotive, mobile phones, and household appliances. In recent research, variable new processes have emerged to enable injection-molded products with unique functions or high performances, like micro-/nano-injection molding, intelligent injection molding, ultrasonic-/air-/fluid-assisted plasticization and molding, etc. In addition, the emerging of novel materials like lightweight, green, and engineering plastics and fiber-reinforced plastics also drives innovations in mold design and molding processes. Besides, sensors and actuators, engineering simulations, and artificial intelligence are also essential to help understand the filling of the cooling steps to enhance the quality and efficiency of the injection molding process.This Special Issue aims to present the latest research on “Recent Developments in Polymer Injection Molding” and we welcome the submission of related articles and review papers.

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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