Special Issue

Controlled Radical Polymerization of Polymeric Materials

Message from the Guest Editors

Controlled radical polymerization (CRP) techniques have revolutionized the synthesis of polymeric materials by enabling the precise control of molecular weight, dispersity, and chemical functionality. This breakthrough has led to the development of new materials with tailor-made properties and also facilitated the investigation of structure–property relationships in polymers. This Special Issue will cover a broad range of topics from fundamental research to industrial applications and will provide valuable insights into the latest developments in this field. This topic aims to provide a comprehensive understanding of the mechanisms, kinetics, and thermodynamics involved in these techniques, as well as their applications in synthesizing complex polymeric structures with precise control over molecular weight, functionality, and architecture. This issue will also explore the use of CRP techniques in the design of advanced materials for applications in drug delivery, tissue engineering, and electronic/optoelectronic devices.

Guest Editors

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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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