Special Issue

Recent Progress in Sulfur-Containing Polymers

Message from the Guest Editor

Sulfur is a major by-product of oil refining and gas processing; thus, it is a widely available basic chemical raw material. The use of sulfur and its derivatives in polymers holds considerable promise, since polymers are among the most important mass-produced materials on Earth. Various papers have been published on the synthesis of various sulfur-containing polymers from low-cost sulfur resources. The types of sulfur-containing polymers that have recently been reported include poly(thioester)s, poly(thiourethane)s, polysulphones, etc. These clearly demonstrate improved optical, electrochemical and mechanical properties; thus, they are promising candidates for applications in thermal imaging, energy storage, self-healing materials, as well as separation and environmental remediation. This Special Issue aims to present the recent progress in sulfur-containing polymers. Research on the synthesis, characterization, theoretical and numerical analyses, mechanistic studies, structure properties, engineering design and applications of various types of sulfur-containing polymers is welcome.

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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