Special Issue

Synthesis and Processing of Functional Polymer Materials–2nd Edition

Message from the Guest Editors

Currently, functional and "smart" polymeric materials are used in almost all areas of technology. In addition, many new polymeric substances with excellent thermal, mechanical, chemical, and electrical properties have been synthesized. Functional polymers include electrically conductive polymer materials, liquid crystal polymers, polymer gels, shape memory polymers, and so on. The strategy for the development of functional polymers includes the design of organic molecules; the development of formulae to control complex reactions that allow the molecular structures of organic compounds to be freely modified; the development of directed synthesis methods; the modification of polymers and materials based on a specific structure (including nanostructure) and morphology. The aim of this Special Issue is to comprehensively present new advances in the synthesis and processing of functional polymer materials.

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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