

Special Issue

Recent Advances in Waterborne Polyurethanes

Message from the Guest Editors

Polyurethanes are one of the most versatile polymers that can be used in countless applications in the form of foams, fibers, coatings, adhesives, among others. However, traditional polyurethanes use raw materials derived from petroleum, and due to the latest global trends in the development of environmentally friendly raw materials, research on waterborne polyurethanes is of great interest in the scientific field. This type of polyurethane, in addition to not releasing volatile organic compounds, can be synthesized from raw materials from biomass, which will further contribute to the successful development of a sustainable polyurethane industry. This Special Issue focuses on the synthesis of biobased monomers and polyurethanes from renewable resources to support technological advancements in bio-based monomers synthesis through biorefining, chemical recycling, and synthesis of self-healing polymers; including an important synthesis strategy, such as the non-use of isocyanate in the synthesis of polyurethane, which not only contributes to environment, but also to the health of users, evaluating properties for current and emerging future applications of sustainable polyurethanes.

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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 4.9.

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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