

Special Issue

Advances in Epoxy-Based Materials

Message from the Guest Editor

Welcome to this Special Issue focusing on the latest developments on the topic of epoxy-based materials. Epoxy is a type of polymer material widely used in various industries due to its good mechanical properties and processability. Epoxies are employed in different applications such as adhesive bonding, circuits, coatings, fibre-reinforced polymers, encapsulation, paints, and others. This Special Issue aims to include fundamental research regarding polymer synthesis and characterisation, curing, and particle modifications for improved properties; experimental characterisation; novel techniques for modelling and simulation; multi-scale simulation; high-performance applications with composite materials; polymeric fibres; and sustainability. Additionally, it will also consider current challenges such as bio-based epoxy synthesis and extreme applications including cryogenic operating conditions for adhesives or for fibre-reinforced polymers. I would like to invite you to contribute to this Special Issue, "Advances in Epoxy-Based Materials", at your convenience.

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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