

## Special Issue

# Advances in High-Performance Polyimides: Preparation, Characterization and Application

### Message from the Guest Editors

This Special Issue, “Advances in High-Performance Polyimides: Preparation, Characterization and Application”, highlights recent progress in the synthesis, processing, characterization, and application of polyimide materials. As a key class of high-performance polymers, polyimides are known for their outstanding thermal stability, mechanical strength, chemical resistance, and dielectric properties, making them essential in fields such as engineering, microelectronics, optoelectronics, and membrane separation. Recent advances in molecular design have led to polyimides with tailored properties, including solubility, optical transparency, low dielectric constants, and improved processability. Innovations in composites, surface modification, and nanostructuring have further broadened their application scope. We welcome original research articles and comprehensive reviews that advance the science, technology, and application of high-performance polyimides. Contributions spanning from fundamental polymer science to applied engineering are all welcome.

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### Guest Editors

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### Deadline for manuscript submissions

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## Polymers

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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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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