Special Issue

Advances in Polyimide: Synthesis, Modification, Characterization, Application and Beyond

Message from the Guest Editor

Polyimide (PI), a polymer material that is employed in engineering due to its many advantageous characteristics, has garnered enhanced interest from researchers engaged in fundamental research as well from companies dedicated to its application and commercialization. Owing to its excellent mechanical properties, thermal stability, chemical resistance and electrical properties, aromatic PI is widely utilized in the aerospace industry, in the military and opto-electronics, and in liquid crystal alignments, composites, electroluminescent devices, electrochromic materials, polymer electrolyte fuel cells, polymer memories, fibre optics, etc. However, the difficulties and high costs associated with its processing limit its further application. The aim of this Special Issue is to gather recent research regarding the utilization of PI in cutting-edge scientific fields such as synthesis, modification and characterization in order to promote the development of PI scientific theory, advance its fabrication, expand its application, and provide interactive opportunities for researchers.

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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