

Special Issue

Thermal Properties Analysis of Polymers

Message from the Guest Editors

Polymers and their composites are widely used in all aspects of daily life and industry. Whether the polymers are in the form of solids, liquids, gases, or solutions, their thermal properties analysis is of fundamental importance. With new polymers and their composites invented every day, novel temperature or thermal measuring technologies, as well as their hyphenated uses, have advanced in recent years. In order to encourage the discussion in a wider scope and a more interdisciplinary prospect, this issue includes mechanical or rheological properties that are strongly temperature-dependent in the definition of thermal properties. The success of thermal analysis hinges not only on advanced techniques, but also on a large database scale and exquisite data analysis skills. Skills such as finding the modes or patterns in multidimensional mass data may be revolutionized by recent Artificial Intelligence advancements. This Special Issue will serve as a platform for global experts to gather thermal data of various polymers, as well as new thermal measuring technologies and according to data-mining algorithms. Perspectives regarding their application feasibility are also warmly welcome.

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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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