

Special Issue

Sustainable Polymer Chemistry and Processing

Message from the Guest Editors

Polymeric materials are an integral part of almost every aspect of modern life. Advances in polymer chemistry and processing have achieved a remarkably advanced state, enabling the precise manipulation of polymers and their precursors to develop high-performance materials.

However, the majority of these materials rely on fossil fuel-based polymers, which are non-renewable and mostly non-biodegradable or non-compostable.

Given the growing demand for high-performing polymers, alongside the need for more environmentally friendly materials and processes, considerable efforts have been devoted to discovering sustainable polymers, recycling used materials, and transitioning toward greener processes.

This Special Issue aims to encourage reporting on new sustainable polymers and processes as drivers of environmentally friendly advancements, showcasing their capacity to transform polymer processing, usage, and end-of-life management. By highlighting these developments, we seek to pave the way for the creation of sustainable methodologies and materials, fostering a greener future in polymer science.

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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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