

Topical Collection

The Recovery, the Recycling, and the Reuse of Polymer-Based Materials

Message from the Collection Editor

Recovery, recycling, and reuse of polymer-based materials are three fundamental keywords for the future of polymeric materials. The remarkable amount of polymers consumed per year (almost 400 million ton in 2021), as well as the growing but still small amount of recycled polymer manufactures, directs much more attention to the recovery, recycling, and reuse of these materials. This topical collection intends to foster the knowledge and the knowledge exchange of new researches in this field. Papers on mechanical, chemical, and organic recycling, as well as on the energy recovery of polymers and multiphase polymer systems (such as polymer blends, polymer composites, multilayer films, etc.), are welcome. Moreover, the use of additives, stabilizers, compatibilizers, and new recycling technologies are also welcome.

Collection 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 4.9.

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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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