

## Special Issue

# Degradation and Recycling of Polymer Materials

### Message from the Guest Editor

In order to suppress microplastic (MP) generation, it is necessary to elucidate the degradation mechanism of plastics, which is deeply involved in the MP generation mechanism, and to develop a new recycling process. In addition, it is necessary to focus on additives such as antioxidants and UV absorbers, which have been suggested to be toxic, and to understand their behavior during the degradation of plastics. In this Special Issue, we welcome submissions of articles elucidating the plastic degradation mechanisms and developing new plastic recycling methods. In addition, we also encourage contributions studying the behavior not only of plastics, but also of the additives contained in them during degradation and recycling.

### Guest Editor

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### Deadline for manuscript submissions

closed (15 June 2025)



## 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 4.7.

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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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