

Special Issue

Recycling and Resource Recovery from Polymers II

Message from the Guest Editors

Following the success of the Special Issue of Polymers, "Recycling and Resource Recovery from Polymers", we are delighted to reopen this Special Issue, now entitled "Recycling and Resource Recovery from Polymers II". About 90% of the 300 million tonnes of plastics produced each year is not recycled and disposed of in landfills, posing significant environmental concerns. By 2030, 104 Mt of waste plastics are projected to enter landfill, causing a 50% increase in CO₂ emissions from the plastic life cycle and a three-fold CO₂ increase caused by plastic incineration due to poor waste management. A zero-waste approach conserves natural resources and reduces pollution from extraction, manufacturing and disposal. The vision for a new circular economy for plastics initiative is supported by three key actions: eliminate, innovate, and circulate. This Special Issue will focus on current and future research concernign the repurposing of plastics at the end of their life for various applications.

Guest Editors

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Deadline for manuscript submissions

closed (10 February 2023)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/117249

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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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