

Special Issue

Biobased and Biodegradable Polymer Blends and Composites II

Message from the Guest Editors

In the last few years, interest in sustainability has become even more intense than before. The adoption of circular economy approaches has led to the minimization and valorization of waste as well as to the substitution of fossil-based materials with biobased ones. New sustainable and eco-efficient products are entering the market, pushing researchers towards the development of new biobased and/or biodegradable blends and composites able to efficiently replace fossil-based products. For this Special Issue, we welcome papers related to obtaining biobased material solutions with performance equal to or better than their fossil-based counterparts via a deep investigation of the correlation between thermo-mechanical performance, morphology, and processing. Innovative studies focused on numerical and analytical correlation to predict the mechanical performances of innovative biobased blends and composite materials will also be considered for publication in this Special Issue.

Guest Editors

Dr. Laura Aliotta
Dr. Vito Gigante
Prof. Dr. Andrea Lazzeri

Deadline for manuscript submissions

closed (30 September 2025)



Polymers

an Open Access Journal
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Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/176838

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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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