

## Special Issue

# Recent Progress in Thermochemical Conversion of Biomass and Waste Polymers: Innovations and Opportunities

### Message from the Guest Editors

This Special Issue focuses on gathering essential information about obtention and upgrading alternative fuels or platform molecules through catalytic thermochemical processes. Main topics to be considered in this Special Issue:

- Reaction mechanisms for thermochemical transformation of polymeric materials.
- Characterization of polymers and platform molecules.
- Sustainable valorization of lignocellulosic, plastic residues, used tires, and solid urban waste to obtain alternative fuels and platform molecules.
- Upgrading alternative fuels from catalytic thermochemical processes.
- Biorefinery and biopolymers.
- Modifying and improving catalysts to enhance catalytic performance, yield, and product distribution.

### Guest Editors

Prof. Dr. Serguei Alejandro-Martín

Prof. Dr. Luis E. Arteaga-Pérez

Dr. Romina Romero Carrillo

### Deadline for manuscript submissions

closed (25 April 2024)



## Polymers

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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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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