

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

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Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

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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

Fraunhofer-Institut für Angewandte Polymerforschung, Lehrstuhl für Polymermaterialien und Polymertechnologie, Universität Potsdam, Geiselbergstraße 69, 14476 Potsdam-Golm, Germany

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