Special Issue

Decarbonization of Plastics

Message from the Guest Editors

Plastic materials have become essential for our everyday life, but their fossil-based origin and the accumulation of plastic waste in the environment can represent a serious environmental threat. Adopting narrow solutions to such a complex problem can be counterproductive, making policymakers look for other, even less sustainable options. Hence, it is fundamental to tackle this issue by adopting a holistic approach and decreasing the carbon footprint of plastics comprehensively across the whole life cycle.

The research field of plastics decarbonization is exciting and rapidly developing, and therefore this Special Issue aims to highlight the main research lines of the field, evidencing the latest and most promising approaches, and delineating future trends on which the efforts of the scientific community are likely to focus. This Special Issue welcomes original research and review articles in the field of renewable and sustainable polymeric materials covering the synthesis, processing, characterization, theoretical approaches, numerical modeling, and life cycle assessment (LCA) of these materials.

Guest Editors

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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.

Editor-in-Chief

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