

Special Issue

Natural and Sustainable Polymers-Based Materials for High-Efficiency Applications

Message from the Guest Editor

In recent years, biomass polymers such as wood, bamboo, and seaweed have attracted people's attention due to their natural, sustainable, and degradable properties. The selective separation of component and preserved porous structures make biomass act as advanced supporting frameworks. The aforementioned polymers and their derived carbon materials are widely applied in fields of water treatment, smart sensors, energy storage and conversion, etc. As the strategic objective of "2030 emission peak and 2060 carbon neutrality" in China and "carbon reduction" in the whole world have been proposed, we believe that the research development for biomass materials shows promising prospects over the next decades. The aim of this Special Issue is to highlight the progress on synthesis, characterization, properties, and applications of renewable polymers and derived carbon materials.

Guest Editor

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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

Prof. Dr. Alexander Böker

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