

## Special Issue

# Biomass-Derived Biodegradable Polymers: Extraction, Synthesis and Applications

### Message from the Guest Editors

The proposed Special Issue will address diverse topics related to polymers from renewable sources: •

Production, functionalization, and application of materials based on thermoplastic polysaccharides • Novel approaches for extraction and reutilization of monomers (FFA, terpenes) from biomass • Biomass processing for bio-polyester synthesis • Natural biomass extracted additives for bioplastics: plasticizers and functional compounds • Nanocomposite production of natural and synthesized polymers • Processing of biomass feedstocks to produce biobased building blocks for polymer synthesis • Renewable approaches for polymer synthesis • Advanced characterization of bioplastics

### Guest Editors

Dr. Domenico Sagnelli

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### Deadline for manuscript submissions

closed (20 March 2022)



## Polymers

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Impact Factor 4.7  
CiteScore 8.0  
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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

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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