

Special Issue

Advanced Study on Lignin-Containing Composites

Message from the Guest Editors

Aromatic lignin, along with structural polysaccharides such as cellulose and hemicellulose, contribute to the exceptional strength of plant cell walls on the nanoscale and wood on the macroscopic scale, providing humanity with a versatile building and crafting material for thousands of years. The extensive processing of lignocellulosic biomass for various uses, including construction, pulp and paper, and food production, results in significant residual biomass and, in particular, lots of lignin in side and waste streams. This byproduct has recently been increasingly utilized as a foundational element for developing specialized materials tailored to address specific research applications. The purpose of this Special Issue is to explore a wide range of lignin-based or lignin-containing polymer composites that have been applied to tackle contemporary, innovative research challenges within the context of a circular bioeconomy. Original research and review articles are welcome.

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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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