Special Issue

Polyester-Based Eco-Composites

Message from the Guest Editors

For the past few decades, natural recyclates (plant fibers, sea shells, etc.) have been gaining popularity as reinforced substitute materials for polyester composites due to their low prices, health benefits, ability to regenerate and recyclability. The commodities, daily necessities, packaging materials, biomedical materials and 3D printing strip products, etc., made by polyester composites containing natural recyclates have become increasingly trendy. However, the eco-composites have shortcomings in terms of biocompatibility, biodegradability, mechanical properties, poor interfacial adhesion and heat resistance, high sensitivity to moisture absorption, and low aging resistance. This indicates that the eco-composites require further modification and formulation. The purpose of this Special Issue is to promote recent developments pertaining to the performance and functionality of polyester-based eco-composites (e.g., modification methods, mechanical properties, thermal behavior, moisture absorption, biocompatibility, biodegradability and characteristics). This Special Issue covers polymer science and related research for industry.

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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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