Special Issue

Functional Polymers for Construction Purposes

Message from the Guest Editor

Functional polymers are materials that possess unique properties such as mechanical strength, flexibility, resistance to weathering, and fire resistance. One advantage of functional polymers is the ability to produce them using renewable resources, which contributes to reducing dependence on inefficient and limited natural resources. Furthermore, some of these polymers can be easily processed and recycled, allowing for a reduction in construction waste generation.

Additionally, functional polymers can be used to enhance the energy efficiency of buildings. For example, polymers with insulation properties can reduce heat losses through walls and roofs, resulting in lower energy consumption when heating or cooling. The possibility of using these polymers as solar-reflective coatings also contributes to reducing energy consumption in buildings.

Keywords:
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waste reduction;
composites;
green polymers

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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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