Special Issue

Fiber-Reinforced Polymeric Composites

Message from the Guest Editor

Fiber-reinforced polymeric composites (FRPCs), made with short-cut, continuous or woven fibers as reinforcement, are the most crucial category in many composite materials. Through various methods, such as winding, molding or extruding processes, FRPCs have exhibited high specific strength, good designability, excellent fatigue performance, among others. Researchers and engineers in numerous fields, such as aerospace, aircraft, automobile, etc, have been giving significant attention to this area of research. Recently, novel preparation technology, interface modification and numerical simulation not only provide effective designs for high-performance composites but also promote practical applications. Topics that are particularly encouraged for this Special Issue include, but are not limited to, the following research areas:

- Advanced manufacturing technology;
- Interface modification;
- Multi-scale simulation;
- Novel properties and applications;
- Reinforcement theory.

Keywords

- thermoplastic composite
- 3D printing
- interface modification
- modeling
- green technology
- recycling

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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