Special Issue

Processing and Characterization of Polymeric Composites

Message from the Guest Editors

In polymer processing, new alternative technologies are continuously developed which enable the transformation, combination and functionalization of macromolecules and the resultant composite materials. Such techniques include injection molding, compression molding, resin transfer molding and vacuum infusion. Also, rapid manufacturing techniques like automated tape placement have emerged recently to increase production rates while maintaining the caliber of the polymer composites. The properties can also be tailored through intra-ply and inter-ply hybridization. Moreover, sustainability aspects fostered by the extensive use of composites in daily life products make the recycling and degradation of polymer composites highly desirable. This Special Issue focuses on the research carried published on novel processing methods, process optimization, and innovative technologies for various industrial applications. This also includes novel testing and characterization techniques developed to retrieve mechanical, thermal, electrical and nanoscale properties. Moreover, topics related to degradation and recycling of polymer composites are also considered.

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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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