Special Issue

Development in Flame-Retardant Polymer Composites

Message from the Guest Editor

Polymer composites are promising candidates for solving existing engineering problems due to their low density and excellent mechanical performance. However, inflammability creates potential fire hazards in a fire, including a high temperature and dense smoke, which may cause enormous property damage and casualties. Global fire-safety concerns are reflected in the massive volume of flame-retardant polymer composites that have been commercialized over the last two decades. In this sense, a huge amount of effort has been undertaken for the synthesis, characterization and commercialization of a broad variety of flame retardants. The development of new classes of flame retardants through the hybridization and/or modification of both conventional and novel additives has been the main route for creating polymers to protect against fire. This Special Issue, "Developments in Flame-Retardant Polymer Composites", to be published in the *Polymers* journal, aims to cover the latest advancements in the preparation, properties and applications related to flame-retardant polymer composites and related research.

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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