Special Issue

Advances in Flame Retardant Polymeric Materials

Message from the Guest Editors

This Special Issue of *Polymers* aims to broaden and deepen the scientific and technological knowledge with the most recent advances in the preparation, performance, and application of flame-retardant polymeric materials with respect to the concept of long-term environmental, economic, and social sustainability. Flame-retardant natural and synthetic polymeric materials play a crucial role in building the fire-safe urban world. At the same time, the demand for minimizing potential health and environmental impacts requires considering the toxicology, safety, and circularity parameters at the beginning of the design process of flame-retardant systems. This drives development of new flame retardants and flame-retardant materials, ensuring that fire safety is not compromised at the expense of the targeted sustainability. In that respect, an interdisciplinary approach for the development of flame-retardant systems with improved persistent, bioaccumulative, and toxic profiles, lowered heat and smoke release, and reduced smoke toxicity is of high importance.

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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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