Special Issue

Flame Retardant Polymeric Materials: Synthesis and Application

Message from the Guest Editors

Polymers have become an important and ubiquitous part of our lives. However, most polymers, irrespective of their source, are inherently flammable; thus, they pose a threat to life and property. To reduce the thermally hazardous nature of polymeric materials, flame-retardant polymeric materials have undergone rapid development in recent decades. In order to meet different application scenarios, attempts to manufacture sustainable and efficient flame-retardant polymers and additives with multiple functions have been made. This Special Issue aims to gather scientific papers focusing on recent advances in the synthesis and application of flame-retardant polymeric materials. Contributions on all themes are invited, including but not limited to novel flame retardants, flame-retardant polymers, multifunctional flame-retardant polymers, and the investigation of flame-retardant mechanisms. Original research articles, review articles, short communications, and perspectives presenting and discussing the most recent trends in these areas are welcomed.

Guest Editors

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Deadline for manuscript submissions

closed (25 September 2023)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/118080

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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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