

Special Issue

Novel Developments in Flame-Retardant Polymeric Materials

Message from the Guest Editors

This Special Issue aims to present innovative approaches and developments of flame-retardant polymeric systems that are aligned with environmental goals, which falls in line with the journal's scope in advancing polymer science, sustainability, and fire safety technologies.

In the Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Environmentally friendly systems for fireproofing polymer development.
- Use of natural-based materials from renewable resources in flame-retardant systems.
- Novel chemical modification and processing technologies to enhance flame retardancy.
- Evaluation of thermal stability and fire behaviour of flame-retardant polymeric materials.
- Studying mechanisms of action in bio-flame retardants.
- (Bio)composites that combine fire safety, enhanced mechanical performance, and durability.
- Lifecycle analysis of flame-retardant polymeric materials.
- Recyclable flame retardants.

Guest Editors

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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 4.9.

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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