

Special Issue

Recent Advances in Flame-Retardant Polymeric Materials

Message from the Guest Editors

This Special Issue aims to explore new achievements that improve flame safety, reduce toxic emissions, and increase the structural integrity of materials in high-risk environments. With the development of novel approaches and techniques, applying these concepts and systems is crucial to enhance the flame retardancy of existing materials, composites, and nanocomposites. This Special Issue will explore cutting-edge research on flame-retardant properties, fabrication technologies, and mechanisms, and the fundamental processes that govern material behaviours under fire exposure, experimentally and numerically. We hope this Special Issue will provide a platform for researchers to share breakthroughs that address key challenges in fire safety and material performance. We invite researchers from all fields to submit their original research articles, reviews, and case studies that contribute to the ongoing evolution of flame-retardant polymeric materials and fire safety technologies to this Special Issue.

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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