

Special Issue

Sustainable Flame-Retardant Polymeric Composites

Message from the Guest Editors

Interest in sustainable, multifunctional, flame-retardant polymers has been steadily increasing over the last two decades; correspondingly, the number of flame-retardant bio-based materials available has been increasing. In addition, rising environmental concerns and depletion of petrochemical resources has resulted in increasing interest in renewable/biodegradable/bio-based polymeric materials. The field of multifunctional, fire-safe, and sustainable materials, with all its traditionalism and multidisciplinary, has profited from these developments. Full papers, review articles, and communications are all welcome. Topics considered for this Special Issue include, but are not limited to, the following: (1) sustainable polymers and corresponding flame-retardant nanocomposites; (2) flame-retardant phase-change materials; (3) flame-retardant energy-storage materials; (4) eco-benign, multifunctional, fire-retardant materials; (5) fire behaviours and fire-retardant mechanisms; (6) flame-retardant polymeric nanocomposites processing and manufacturing; (7) high-performance bio-based flame-retardant polymers and composites.

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 4.7.

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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