Special Issue

Flame-Retardant Polymer Composites

Message from the Guest Editors

Flame-retardant polymer composites can be obtained by various processing routes, such as injection molding, thermocompression, or additive manufacturing (AM). Recently, the use of AM has increased the possibilities of the use of polymer composites because it allows the production of very complex parts. However, some composites are not suitable for AM due to the specificities of these technologies. Furthermore, some additives are prone to affect composites' functional properties regardless of the processing route. Thus, composites and additives should be carefully selected in order to avoid problems during processing, and effective flame-retardant systems should be chosen or developed in order to meet the requirements of the new applications. Hence, this Special Issue aims to identify the most recent scientific advancements in the flame retardancy of polymer composites processed through different routes, as well as the characterization of the flame retardancy mechanisms.

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Deadline for manuscript submissions

closed (25 March 2023)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.7
CiteScore 8.0
Indexed in PubMed

mdpi.com/si/94924

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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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