

Special Issue

Layered Materials-Polymer Based Fire Retardant Composites

Message from the Guest Editors

In recent years, developing fire retardant additives for polymer composites have attracted worldwide attention. Advanced layered materials are becoming promising components owing to their superior performance for heat isolation in the combustion processes. Moreover, functionalized layered materials may improve the smoke suppression properties of the composites. This Special Issue aims to highlight the aspects of the development of layered materials and characterizations of their fire-retardant properties. *Polymers: Layered Material-Polymer Based Fire Retardant Composites* includes topics about the development of advanced layered materials and their impact on the fire-retardant performance of polymer composites. Potential topics include, but are not limited to:

- Fire retardant advanced layered materials;
- Fire retardant layered double hydroxide;
- Fire retardant layered materials/polymer composites;
- Mechanism of fire retardant;
- Smoke suppression properties of advanced layered materials;
- Future perspectives for fire retardant advanced layered materials.

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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