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Fire-Retardant Materials and Coatings

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closed (31 October 2021)

Message from the Guest Editors

Dear Colleagues,

Fire-retardant materials (FR) and surface treatments are important and crucial subjects due to increasing fire incidents in the public and industrial sectors. Most of these goods and products are either synthetically or naturally made of hydrocarbon-based polymeric materials, which are highly vulnerable to fire. To cope with the issue, various materials have been investigated, such as halogenated flame retardants, phosphorus-based flame retardants, nitrogen-based FR, biopolymers, nanocomposites, nanoparticle-based FR, fillers, etc. Therefore, investigations are underway to find feasible and novel FR materials for the protection of these goods and products. In this regard, spray coatings, sol–gel coating, dip coatings, LBL coatings. and other techniques are subjects of interest for the scientific community.

This Special Issue is devoted to the most recent research on these topics, covering all the aspects concerning fire-retardant materials, fire-retardant coatings, and their relevant applications.

Prof. Dr. Bon Heun Koo
Prof. Dr. Jung-il Song
Dr. Zeeshan Ur Rehman
Guest Editors

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Special Issue

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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 5.0.

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.

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