Special Issue

Fire Behavior of Flame-Retardant Polymers

Message from the Guest Editor

Flame-retardant polymers have already been popularly used in buildings, factories, vehicles, and other places. In past decades, various flame-retardant additives and other technologies have been invented and utilized to reduce the flammability of polymers. In the field of fire safety engineering, both the design of new fire test standards and burning mechanism modeling are necessary and important for developing better flame-retardant polymers. The detailed ignition criterion and flame spread mechanism is one of the most challenging topics for new flame-retardant polymers. This Special Issue will publish new works about the pyrolysis, ignition, burning, and flame spread of flame-retardant polymers, including new findings based on standard or non-standard fire test devices, detailed heat and mass transfer mechanism of flame-retardant polymers in a fire scenario, and other new works about their fire safety analyses.

Guest Editor

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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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