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Advanced Flame Retardant Materials

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Message from the Guest Editor

Recent disasters caused by the spread of fire in buildings and in transportations remind us of the importance of fire protection. Using flame-retardant materials presents one important element of the firefighting strategy, which aims at preventing fire development and propagation. These materials are used in different applications, such as in textiles, coatings, foams, furniture, and cables.

The development of more efficient and environmentally friendly flame-retardant additives is an active multidisciplinary approach that has attracted a great deal of interest. Works aims at the development of new, sustainable, flame-retardant additives/materials, providing high performances and low toxicity. These also concern studying their properties during ageing and recycling, as well as modeling physical and chemical processes taking place before ignition and during their combustion.

For more details, please click the following link:

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Dr. Fouad Laoutid
Guest Editor



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Message from the Editor-in-Chief

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