

Special Issue

Recent Advances in Flame Retardant Polymeric Materials, 2nd Edition

Message from the Guest Editor

With the increasing concern of fire hazards and increasingly strict laws and regulations, flame-retardant polymeric materials have seen rapid development in recent decades. Nowadays, aside from some specific, banned halogen-containing flame retardants, researchers generally focus on flame retardants containing phosphorus, nitrogen, silicon, boron, etc. When superior flame retardancy is achieved by polymeric materials, researchers look to improve other properties, such as thermal, mechanical, dielectric, electromagnetic shielding, and electrochemistry attributes, to obtain polymers with good comprehensive performance. This Special Issue is designed to gather scientific papers about recent advances in flame retardant polymeric materials. Contributions are invited on all themes, including but not limited to the synthesis of new flame retardants, polymers with excellent flame retardancy, multifunctional flame-retardant polymers, study of flame-retardant mechanisms, and flame-retardant polymeric nanocomposites. Full papers, short communications, and review articles presenting and discussing the most recent trends in these areas are welcome.

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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