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Design Synthesis and Application of New Flame Retardant Additives

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Deadline for manuscript submissions:
closed (31 July 2021)

Message from the Guest Editors

Dear Colleagues,

This Special Issue will focus on the design, synthesis and application of novel chemistries being developed by researchers. A first-time report on synthesis flame-retardant additives based on phosphorus, nitrogen, silicone, boron, various metals and their combinations will be the key highlight of this Special Issue. Such flame retardants would be reactive or additive type, and their applications cover all kinds of natural and synthetic polymers. Though the publication of original research papers will be given priority, review articles—especially those outlining different flame-retardant chemistries from their synthesis to application on specific polymers like epoxy resins, polycarbonates, polyolefin, polyurethanes, polyamides, polyesters, polyacrylates etc.—are also welcomed.

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Editor-in-Chief

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th 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 multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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Journal Rank: JCR - Q2 (Chemistry, Multidisciplinary) / CiteScore - Q1 (Chemistry (miscellaneous))

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