

Special Issue

Natural Polymers for Fire Safety

Message from the Guest Editor

The issue of fire safety is currently attracting extensive attention, especially on the fields of building materials, decoration materials, portable electronics, and electric vehicles. To meet the developing requirement of the market, green, nontoxic, and low-cost flame retardants is widely welcomed and is being investigated on an ongoing basis. Natural polymers, such as cellulose, chitosan, alginate, etc., are widely concerned and employed to be used as flame retardants, nanofillers, coatings, etc., to address the fire safety issues. To date, natural polymers, especially marine-based and plants-based natural polymers, are becoming a hot point that could be used to boost the development of fire resistance technology. This Special Issue aims to provide a high quality platform to display high quality papers on natural polymer materials, anticipating that could inspire readers with innovative thinking and thus promote the development of fire safety science. Research on bio-based materials, including the extraction, synthesis, and modification as well as the evaluation of fire safety and environment impact, are all considered.

Guest Editor

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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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