

Special Issue

Recent Advances in Functionalized Nanofiber Materials

Message from the Guest Editor

Electrospinning is one of the most straightforward and versatile techniques to manufacture polymer, ceramic, carbon, and composite fibers with sizes typically in the range of 100 to 1000 nm, approximately 2 to 3 orders of magnitude smaller than the conventional fibers used in the current fiber industry. The features of electrospun nanofibers include their high surface to volume ratio, tunable porosity, and ability to be easily processed for practical applications such as biomedical engineering, energy storage, environmental remediation, sensors, textiles, and composite materials. This Special Issue aims to present cutting-edge research into electrospun nanofibers and other nanofibrous materials, including their fabrication, functionalization, characterization, and advanced applications across disciplines, with a focus on sustainability.

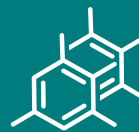
Guest Editor

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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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