Special Issue

Hybrid O/I Sol–Gel-Derived Nanocomposites Systems for Advanced Functional Applications

Message from the Guest Editors

The need for high-performing polymer-based systems has continued to propel (and is still encouraging) both the academic and industrial communities toward the design, synthesis, and characterization of novel, advanced and sustainable materials that are suitable for application in demanding sectors (i.e., electrical engineering and electronics, advanced packaging, and flame retardance, among others). Considering this, we would like to propose a new Special Issue entitled "Hybrid O/I sol–gel-derived nanocomposites systems for advanced functional applications", with the aim of collecting significant contributions from scientists working in the field of polymer research. This Special Issue aims to cover recent progress and trends in the preparation, characterization, applications, processability, and sustainability of hybrid O/I systems. The scope of this Special Issue includes, but is not limited to, the topics listed below. Contributions to this Special Issue can be full research articles, short communications, and reviews.

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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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