Special Issue

Polymer Composites for Sensing Applications, Volume II

Message from the Guest Editor

The use of polymeric materials in the field of sensing application has gained tremendous recognition because of better selectivity and rapid measurements with the goal of mimicking natural sensor systems. Taking advantage of the peculiar properties of polymers, such as their low cost, easy processing, chemical versatility, and resistance to corrosion, by incorporating them into different functional materials, multiple functionalized composite materials have been developed in various areas, especially in sensing applications.

The aim of this Special Issue is to collect several studies on the development of polymer composites based on various species, such as nanoparticles, conductive materials, fibers, etc. The submitted studies can deal with both natural and synthetic polymers as a matrix to incorporate a wide range of other materials. Papers presenting studies on the relationship between manufacturing, characterization, morphology, and properties relative to sensing applications, as well as those focused on the development of novel technological processing and novel sensing strategies, are particularly welcome.

Guest Editor

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Editor-in-Chief

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