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Synthesis, Performance and Application of Polymers Materials

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Deadline for manuscript submissions:
closed (10 November 2023)

Message from the Guest Editors

Dear Colleagues,

The advent of novel polymer synthesis tools, such as living radical polymerizations, various "click" chemistry strategies, coupling reactions, hydrothermal, solvothermal, and sonochemical synthesis, were simultaneously employed for the synthesis of various polymeric materials for various applications. Recently, the utility of polymers based on nanomaterials has been very distinct, involving many potential applications, and has been proposed for their use in various applications.

The goal of this Special Issue is to highlight the development and fundamental features for the synthesis, characterization, properties, and application of novel polymeric materials, as well as to look ahead to future possibilities. Original research articles and review papers relating to polymer synthesis, modifications of natural polymers and synthetic polymers, preparation and characterization of polymeric micelles/nanogels/hydrogels/polymer nanocomposites, and different applications of functional polymers would be highly welcomed.

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Message from the Editor-in-Chief

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