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Spectroscopic Polymer and Polymer Composites Characterization

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Message from the Guest Editor

Spectroscopic methods play an important role for evaluating the structure, physical and chemical properties, determination of the configuration and conformation of polymer chains, stability of polymers, evaluation of degradation compounds, chemical reactions, etc., in polymeric and composite materials.

This Special Issue aims to present a collection of original research articles and reviews related to recent advances in the field of spectroscopic polymer and polymer composite characterization. Areas of focus include, but are not limited to, liquid crystalline polymers, hydrogels, polyconjugates, conducting polymers, biopolymers, and polymeric blends and composites. Techniques covered include: Mid- and Near-IR spectroscopy and imaging, Raman spectroscopy and imaging, 2D-COS, NMR spectroscopy, ESR, UV-Vis spectroscopy, fluorescence spectroscopy, mass spectroscopy, etc.













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Message from the Editor-in-Chief

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