



## Surface Modification and Functional Coatings for Polymers

Guest Editor:

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### Message from the Guest Editor

Surface modification and interfacial phenomena of polymeric materials are critical to many existing applications in manufacturing, biomedical, energy, and healthcare, etc., and the development of new functional materials and devices.

This Special Issue focuses on the current of state-of-art of surface modification and coating development for polymeric materials including synthetic polymers, biopolymer and bio-based polymer, polymer nanocomposite, gels, adhesives. Of particular interests are the recent development of functional surfaces, smart coatings, biomimetic surface modification, and the fundamental exploration of the structure-property relationships for such desired functions as water-repellence, self-cleaning, anti-flogging, anti-reflection, biocompatibility, adhesion, surface hardness, low friction, wear-resistance, conductivity, antistatic.

Prof. Dr. Boxin Zhao





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