Special Issue

Functionalization of Polymers for Advanced Applications

Message from the Guest Editor

Functional polymers are finding an increasing popularity both in academia and in industry. They are macromolecules with unique features and applications depending on the presence of chemical functional groups. Functionalization of the polymer results in chemical heterogeneity, which, in turn, gives rise to many advantages, namely improved reactivity, phase separation, or enhanced compatibility. In addition, the possibility of functional polymers to create selfassemblies or supramolecular structures is another benefit. In response to chemical or physical stimuli, the formation or dissociation of self-assemblies can lead to "smart" materials. This Special Issue, focused on functional polymers for advanced applications, will report the latest progress in the synthesis, properties, and applications of this type of materials. They are a versatile class of macromolecules with great potential in a large number of applications, ranging from medicine to the electronics industry.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Macromol is a new open access journal that welcomes innovative studies on different aspects of research relating to macromolecules, involving their chemistry, characterization, properties, and applications. It offers a good opportunity for the widespread and fast-paced sharing of knowledge with the scientific community. Short publication times are combined with a rigorous peer-review procedure. Both full papers and reviews are welcome. I am pleased to invite you to contribute to this journal in order to grow the journal to be an increasingly successful forum for high-quality research.

Editor-in-Chief

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