



Hydrophilic Polymers

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Message from the Guest Editor

Hydrophilic polymers have attracted a broad audience in polymer research, mainly due to significant areas of application, e.g., drug delivery, water absorption, sensing, catalysis or waste water remediation. Thus, investigations on structure–property relationships of hydrophilic polymers or on interactions of hydrophilic polymers with biological entities constitute an important task for polymer science. Moreover, the development of novel biocompatible or biodegradable water-soluble polymers has serious impact on up-to-date polymer research. In particular, synthetic polymer chemistry provides novel water-soluble polymer types, architectures or combinations for advanced properties and future applications.

This Special Issue, “Hydrophilic Polymers”, focuses on the latest developments in the field of hydrophilic polymers, both from a fundamental and an application point of view, e.g., the synthesis and characterization of water-soluble polymers as well as their utilization in applications like drug delivery, sensing or as building blocks in soft materials.

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