

Special Issue

Advance in Biobased and Biodegradable Polymers

Message from the Guest Editor

The production of biodegradable polymers in different areas of technology, including food chemistry, food technology, processing of polymer, chemistry, nanotechnology, proecological composites and packaging, agriculture or medicine. Polymers are common used in everyday life. For economic reasons and specific properties, they replace traditional materials such as glass, wood, and paper. The use of polymeric materials generates waste whose disposal is difficult. Legislation and pressures on the use of ecological materials have increased interest in biodegradable and biobased polymers. Biodegradation of polymeric biomaterials involves cleavage of hydrolytically or enzymatically sensitive bonds in the structure of polymers leading to erosion processes. This Special Issue is intended to feature methods for producing biodegradable and biobased polymers, new developments, detailed characterizations of biopolymers and properties, chemical structure, sources, production or synthesis methods, and examples of their application.

Guest Editor

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