



Polymer Materials from Renewable Resources

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Message from the Guest Editor

Natural polymers have attracted people since ancient times. Nature can generously provide a spectacular collection of polymers that can be used in fibers, films, adhesives, gels, coatings, foams, thermoplastics, and thermoset resins. These archaic materials have seen an astonishing evolution over the past decades, especially because of the global awareness of the harmful and polluting nature of traditional resources. Because of the tremendous progress made on more accurate knowledge of the structure and properties of natural polymers, new opportunities emerged to develop materials for future applications.

In this Thematic Issue, we propose an exciting collection of papers that comprehend the latest advances made in the production of sustainable polymeric materials from renewable resources, including fundamental research done on the synthesis and characterization of polysaccharides-derived polymers.

Keywords

- Polysaccharides
- Biodegradable polymers
- Renewable resources
- Bio-based materials
- Polysaccharides functionalization





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Message from the Editor-in-Chief

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