



Biodegradable Polymers: Innovations in Processing, Diverse Applications, and Sustainable Solutions

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Message from the Guest Editors

Biodegradable polymers represent an important facet of sustainable materials science and offer solutions to the growing environmental problems associated with conventional plastics. This Special Issue explores the various aspects of processing biodegradable polymers, including synthesis methods, manufacturing techniques, characterization methods, and industrial-scale production processes. It also aims to highlight the wide range of applications in various fields such as packaging, biomedicine, agriculture, automotive, and more. By promoting interdisciplinary dialog and collaboration, this Special Issue aims to accelerate the development and use of biodegradable polymers as a viable alternative to conventional, non-degradable plastics, thus contributing to the advancement of sustainable materials technology.

This Special Issue welcomes original research articles, reviews, and short communications that advance the understanding, development, and use of biodegradable polymers in various applications and industries.





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Message from the Editor-in-Chief

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