



Preparation and Applications of Biodegradable Polymer Materials

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Message from the Guest Editors

This Special Issue of Polymers, ‘Preparation and Applications of Biodegradable Polymer Materials’, invites contributions in relation to several aspects of biodegradable polymer materials: (1) new principles and methods for green processing and the high-value utilization of natural degradable polymer materials (collagen, fibrin, starch, alginate, chitin/chitosan, hyaluronic acid derivatives, etc.); (2) structure design, synthesis, and properties of synthetic biodegradable polymer materials (polylactic acid, polyhydroxyl fatty acid ester, polycaprolactone, etc.); (3) studies on the degradation process and its mechanism of biodegradable polymer materials; (4) modified biodegradable polymer materials with improved performance, reduced cost, and so on; (5) applications of biodegradable polymer materials in textiles, environmental protection (disposable daily necessities, agriculture, garden, etc.), biomedical engineering (surgical sutures, tissue scaffolds, artificial skin, controlled drug release), packaging (plastic film, packaging bags, etc.), and other fields.





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Message from the Editor-in-Chief

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I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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