

Special Issue

Preparation and Applications of Biodegradable Polymer Materials

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.

Guest Editors

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Deadline for manuscript submissions

closed (15 October 2024)



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About the Journal

Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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