

Special Issue

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

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.

Guest Editors

Dr. Vesna Ocelić Bulatović

University of Zagreb Faculty of Chemical Engineering and Technology,
10000 Zagreb, Croatia

Dr. Dajana Kučić Grgić

Faculty of Chemical Engineering and Technology, University of Zagreb,
10000 Zagreb, Croatia

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Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

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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 4.9.

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

Fraunhofer-Institut für Angewandte Polymerforschung, Lehrstuhl für Polymermaterialien und Polymertechnologie, Universität Potsdam, Geiselbergstraße 69, 14476 Potsdam-Golm, Germany

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