

Special Issue

Green Polymer Chemistry: New Products, Processes and Applications

Message from the Guest Editors

Green polymer chemistry is part of the green chemistry area and involves the development of products and processes by reducing or eliminating hazardous substances. The utilization of green polymers is a trendy issue since environmental pollution still being a global problem. Many books and manuscripts have been published in this field. Now, circular economy (CE) is a novel model that rules the use of resources. Hence, the green polymer principles fit the CE rules. In this sense, the green polymer chemistry research is updating, and new products, processes, and applications are developing. This Special Issue aims to cover current advances and trends in developing products, processes, and applications of green polymer chemistry. Hence, original and review papers covering, but not limited to, the following topics are welcome:

- Polymers biocatalysts
- Natural sources of polymers
- Agri-based polymers and waste minimization
- Design of novel green polymers (includes genetic and metabolic engineering)
- New processes for the obtention of green polymers
- Agricultural, food, and pharmaceutical applications of green polymers
- Green polymers and circular economy

Guest Editors

Prof. Dr. Pedro Aguilar-Zarate

Dr. Jose Alberto Gallegos-Infante

Dr. Ricardo Gómez-García

Deadline for manuscript submissions

closed (15 May 2024)



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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 4.7.

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

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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