

Special Issue

Advances in Bio-Based Polymeric Materials

Message from the Guest Editor

“Bio-Based Polymeric Materials” encompass a broad spectrum of biofunctional macromolecules ranging from naturally occurring polymers, to biodegradable polymers, and polymeric biocomposites to bioinspired synthetic polymers. This Special Issue of the open-access journal *Polymers* welcomes the submissions of original research papers and reviews from all multidisciplinary areas of “Bio-Based Polymeric Materials”, including, but not limited to:

- Live-cell imaging probes
- Nucleic acid carriers
- Polymeric scaffold
- Controlled release devices
- Regenerative medicine
- Polymeric hydrogels
- Soft nanorobotics
- Surface functionalization
- Layer-by-layer biomaterials
- Polymer–biomembrane interactions
- Biodegradable polymers
- Molecular biosensors
- Biophysical characterizations
- Antimicrobial coating
- Vaccine formulation

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2022)



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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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