

Special Issue

Bio-inspired and Bio-based Polymers

Message from the Guest Editor

Nature has developed many sophisticated systems, materials and concepts/mechanisms, the transfer of which, to technical applications, would be highly desirable. However, for feasibility and economic reasons, biological systems cannot often be applied directly, but serve as an inspiration for a technological solution.

This Special Issue is intended to highlight the production of bio-inspired or bio-based (“green”) polymers and any kind of bioinspired use or application, for instance as structural and functional materials, stimuli-responsive/“smart” materials, colloids or particles, hierarchical structures, composite materials, and so on.

Guest Editor

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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

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