

Special Issue

Bioinspired 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 often cannot be applied directly but serve as an inspiration for a technological solution. A typical example is the fabrication of structured surfaces having self-cleaning properties based on the Lotus effect®.

This special issue is intended to highlight any kind of bioinspired/biomimetic use or application of synthetic polymers, for instance for the generation of hierarchical structures, structural and functional materials, stimuli-responsive/"smart" colloids and surfaces, or as additives for biomineralization, *etc.*

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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