

Special Issue

Polymer Nanoparticles: Synthesis and Applications

Message from the Guest Editor

Polymer nanoparticles have been extensively studied recently because of their novel properties resulting from their small size. The advantages of polymer nanoparticles are their ability to tailor the size, chemical composition, and molecular weight of the polymer chain. These polymer nanoparticles are biocompatible and have a broad-structure variety, such as vesicles and micelles, which are the result of the self-assembly of polymers. This Special Issue will explore the evolution and enhancement of polymer nanoparticles and their applications. This issue will enable readers to optimize the design of polymer nanoparticles and give rise to a greater application of polymer nanoparticles. Articles, reviews, and communications are welcome. The topic includes:

- Synthesis of polymers–copolymers, block copolymers, grafted polymers, etc.;
- Preparation of polymer nanoparticles;
- Characterization of polymers and polymer nanoparticles;
- Detailed study of polymeric nanoparticles;
- Applications of polymeric nanoparticles in various fields.

Guest Editor

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Deadline for manuscript submissions

closed (25 October 2022)



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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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