



Polymer-Based Colloids: Synthesis, Characterization and Applications

Guest Editors:

Dr. Hang Jiang

Key Laboratory of Synthetic and Biological Colloids, Ministry of Education, School of Chemical and Material Engineering, Jiangnan University, Wuxi 214122, China

Dr. Shuangfei Xiang

1. School of Materials Science and Engineering, Zhejiang Sci-Tech University, Hangzhou, China

2. Institute of Smart Fiber Materials, Zhejiang Sci-Tech University, Hangzhou, China

Deadline for manuscript submissions:
closed (5 February 2024)

Message from the Guest Editors

Polymer-based colloids, including polymeric nano/microparticles, emulsions, microcapsules, etc., have a long and fascinating history. Covering the subjects of chemistry, biochemistry, materials, physics, medical science, as well as disciplinary sciences, polymer-based colloids have revolutionized various industries and have become indispensable materials in many areas of modern technology.

This Special Issue, entitled “Polymer-Based Colloids: Synthesis, Characterization and Applications”, will explore the recent advances in the synthesis, characterization, and application of polymer-based colloids, highlighting some of the challenges in their development. Topics will include, but are not limited to, the following:

- Novel-designed polymer nano/microparticles;
- Engineered polymer-based colloids;
- Synthesis and characterization methods of polymer-based colloids;
- Applications of polymer-based colloids.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alexander Böker

Fraunhofer-Institut für
Angewandte Polymerforschung,
Lehrstuhl für Polymermaterialien
und Polymertechnologie,
Universität Potsdam,
Geiselbergstraße 69, 14476
Potsdam-Golm, Germany

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 4.9.

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)

Contact Us

Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/polymers
polymers@mdpi.com
X@Polymers_MDPI