Special Issue

Aqueous Foam of Surfactant–Polymer Composites: Properties and Applications

Message from the Guest Editor

Aqueous foam is widely used in the fields of dust control, fire fighting, mineral flotation, oil recovery, daily chemical products, etc. Polymers are often added to surfactant solutions to improve the properties of aqueous foam, such as foaming ability, foam stability, foam fluidity, foam viscoelasticity, etc. Different application fields have different requirements for foam performance. In addition, due to the large number of surfactants and polymers, the interaction between different surfactant and polymer molecules at the gas–liquid interface of foam film can differ significantly, resulting in different properties. Therefore, selecting an appropriate formula to meet the requirements of aqueous foam in various applications is a challenge. This Special Issue of Polymers invites contributions that explore the formation and stability mechanisms of aqueous foam, the interaction between surfactant and polymers, and the properties and applications of aqueous foam of surfactant–polymer composites.

Guest Editor

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Deadline for manuscript submissions

30 September 2025

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/232518

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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

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