

Special Issue

Polymer Foam and Its Engineering Application

Message from the Guest Editors

Water-based foam adopts water as the dispersion medium and has high fluidity and specific surface area. It has been widely applied in the fields of dust suppression, fire extinguishing, ore flotation, multiple oil recovery, wastewater treatment, enzyme protein purification and separation, etc. Its high utility with regard to energy, environment and nano-material synthesis has attracted global attention. To satisfy the increasing demand for technological innovations in environmentally friendly foam, the intelligence of foam systems and the theoretical understanding of multiphase dispersion systems, this Special Issue of Polymers invites contributions addressing aspects of the formation and stability mechanism of foam, the research and development of environmental protection foam, and the new application of foam in disaster prevention and control. The above list is only indicative and by no means exhaustive; any original work or review article on water-based foams is welcome.

Guest Editors

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Deadline for manuscript submissions

closed (25 February 2024)



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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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