

## Special Issue

# Functional Polymer Foam and Composite Materials

### Message from the Guest Editor

The design, synthesis, and characterization of novel polymer foams and functional polymer foam composites are crucial, as these materials have incredible potential in several emerging fields, such as in energy storage and conversion, wearable electronics, absorption and separation, and tissue engineering. Normally, these foams and composites have excellent mechanical properties and retardance, high electrical conductivity, super-hydrophobic surfaces, enhanced structure reliability under varying temperatures, and good biocompatibility. They open up fabrication and application opportunities at the interfaces of many fields.

This Special Issue will focus on the current development of and future opportunities presented by various polymer foams and novel polymer foam composites. Both review and original research papers investigating the above topics through perspectives of materials and engineering sciences, chemistry, physics, or biochemistry are welcome.

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### Guest Editor

Dr. Long-Cheng Tang

Key Laboratory of Organosilicon Chemistry and Material Technology of Ministry of Education, College of Material, Chemistry and Chemical Engineering, Hangzhou Normal University, Hangzhou, China

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### Deadline for manuscript submissions

closed (15 November 2023)



## Polymers

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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 4.9.

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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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