

Special Issue

Lightweight Biofoams for Advanced Applications

Message from the Guest Editors

The preparation of porous polymer structures is a widespread process that is, at times, inspired by nature and involves covalent and/or ionic interactions. This group of materials, due to their high versatility in terms of their constituting components, foaming and processing potential, functionalization, and densities, have endless applications, which range from thermal/acoustic insulation to fire protection, selective molecule adsorption, and active packaging. The aim of the current Special Issue of *Polymers* is to collate high-quality, original scientific research that focuses on the use of lightweight biofoam fundamentals and applications for advanced technologies. The scientific works that describe the development of bio-based coatings produced by either electrostatic forces or the covalent functionalization of pre-existing porous matrixes will also be considered for this Special Issue. In particular, the submissions of papers that focus on bio-based polyelectrolyte complexes (PECs) and/or nanoparticles that exploit advanced foaming or coating technologies are especially encouraged.

Guest Editors

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Deadline for manuscript submissions

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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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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