Special Issue

Functional Microcellular Polymer-Foams through Emulsion-Templated Synthesis

Message from the Guest Editor

Emulsion-templated microcellular polymer foams are a special kind of porous polymeric material. The versatility of these polymer foams stems from their specific morphological features. The quite original morphology makes them attractive for applications, including cell culturing scaffolds, reagent and catalyst supports, or for ion exchange and environmental remediation. However, contemporary expectations go beyond just controlling the morphological features of emulsion-templated polymer foams. Advanced applications require multifunctional polymer foams and a fundamental understanding of the relationship between their structure and function. Facile synthetic routes to obtain multifunctional emulsion-templated polymer foams have attracted increasing attention in recent years. Therefore, the is pleased to launch this Special Issue and invite researchers to contribute their reviews/papers on the development of multifunctional microcellular polymer foams prepared through emulsion-templated synthesis, as well as on the study of potential new applications for these porous polymers.

Guest Editor

Dr. Sebastijan Kovačič

Department of Polymer Chemistry and Technology, National Institute of Chemistry, Ljubljana, Slovenia

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Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

mdpi.com/journal/polymers

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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
Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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