Special Issue

Porous Polymer Micro- and Nano-Structures

Message from the Guest Editor

One of the key challenges in nanoscience and nanotechnology is the precise control of the morphology, dimensions, and functionality of nanostructures to fit distinctive application requirements. Thus far, much effort has been expended to achieve morphological control of porous organic frameworks with tunable structures and the desired distribution. For example, solution-phase-synthesized porous polymer spheres (PPSs) have attracted much research interest due to their potential utility as catalysts and in drug delivery, gas adsorption, and membrane applications. The major advantage of PPSs is the potential synthetic diversity that can be integrated into these organic polymer structures. Furthermore, the carbonization of PPSs produces carbonaceous spheres that can also be applied in electrical-related fields, such as sensors, super-capacitors, and batteries. Contributions to this Special Issue should preferably report the development of polymer-based porous polymer micro-/nano-structures and their potential applications to emerging technologies. Research articles, reviews, and communications are welcome.

Guest Editor

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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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