

Special Issue

Porous Polymers: Preparation, Characterization and Applications

Message from the Guest Editors

Porous polymers have garnered significant attention due to their lightweight structure and versatile applications in areas such as solar steam generation, passive daytime radiative cooling, sensors, and optoelectronics, amongst others. Porous structures enhances properties like thermal insulation, light management, and energy efficiency, making them ideal for emerging technologies. Various fabrication methods, including microcellular foaming, phase separation, template-assisted synthesis, and electrospinning, have been employed to tailor pore size, distribution, and morphology, enabling precise control over their functionalities. This Special Issue aims to provide a platform for sharing advancements in the preparation, characterization, and application of porous polymers. We welcome submissions of original research and review articles that explore novel methods, innovative designs, and practical implementations in this field. Scholars with expertise in these areas are encouraged to contribute and share insights. Please feel free to pass on this invitation to interested colleagues. We look forward to your valuable contributions.

Guest Editors

Dr. Shudong Yu
Dr. Guanwei Liang
Dr. Xujiang Chao

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

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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

Fraunhofer-Institut für Angewandte Polymerforschung, Lehrstuhl für Polymermaterialien und Polymertechnologie, Universität Potsdam, Geiselbergstraße 69, 14476 Potsdam-Golm, Germany

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