

Special Issue

Polymer-Based Metamaterials and Metastructures

Message from the Guest Editors

The metamaterial (or metastructure as structural level scale) is an emerging class of artificial composite with unique properties which is unusual in traditional natural materials. With the development from hard matter to soft matter, polymer-based metamaterials and metastructures have recently attracted significant attention owing to their novel applications, such as actuation, sensing, energy harvesting, computation and others. In particular, the joining of functional polymers and metamaterials/metastructures provides novel and smart characteristics and further broadens their application boundary. This Special Issue focuses on the theory, design, fabrication, and related applications of polymer-based metamaterials and metastructures, collecting recent research in the related field. The issue will not only cover subjects in electromagnetics and optics but also acoustics, mechanics, thermodynamics, materials science, condensed matter, and several other disciplines.

Guest Editors

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Dr. Laihao Yang
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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 4.9.

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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