

# Special Issue

## High-Performance Polyethylene

### Message from the Guest Editors

It is my pleasure to invite you to contribute in the Special Issue of the MDPI journal *Polymers* (IF 3.426), entitled “High-Performance Polyethylene”. This collection of contributed articles will summarize recent advances in the development of polyethylene materials and related products, and the advancement of relevant technologies. The following topics will be specifically addressed in the Special Issue: polyethylene fibers; composites, hybrids, and blends; metamaterials; thin films and membranes; biomedical, energy storage, tribological, structural, and smart applications; additive, low-cost, and eco-compliant technological approaches; and long-term durability and fatigue resistance. Submissions devoted to multidisciplinary issues such as novel techniques of structure and property characterization; micromechanics; interaction with living objects; recycling and ocean pollution remediation and management will be particularly welcome.

### Guest Editors

Dr. Alexey I. Salimon

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### Deadline for manuscript submissions

closed (31 January 2022)



## Polymers

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Impact Factor 4.9  
CiteScore 9.7  
Indexed in PubMed



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## About the Journal

### 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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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