

## Special Issue

# Polymers and Their Composites Applied in Extreme Environments

### Message from the Guest Editors

Polymers and their composites are increasingly being applied in extreme environments, such as cryogenic, high-temperature, corrosive, oxidizing or biological environments, to substitute for traditional metal materials in load-bearing applications due to their properties of low density, flexibility, chemical stability, biodegradability and so on. This Special Issue of *Polymers* invites contributions addressing several aspects of polymer matrix composites, such as design and preparation of polymers, design and processing of composites, testing methodologies and standards, reliability evaluation and life assessment, etc. The above list is only indicative and by no means exhaustive; any original theoretical or engineering experimental work or review article on the polymer matrix composites used in extreme environments is welcome.

Prof. Dr. Ling Liu  
Prof. Dr. Tao Sun

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### Guest Editors

Prof. Dr. Zhanjun Wu  
Dr. Jia Yan  
Prof. Dr. Ling Liu  
Prof. Dr. Tao Sun  
Dr. Shichao Li

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### Deadline for manuscript submissions

closed (5 April 2025)



## Polymers

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**Impact Factor 4.9**  
**CiteScore 9.7**  
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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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