

Special Issue

Smart Polymers and Mechanical Metamaterials

Message from the Guest Editors

The field of smart polymers and mechanical metamaterials has seen remarkable advancements, with applications ranging from biomedical devices to aerospace engineering. This Special Issue aims to bring together cutting-edge research that explores the design, synthesis, characterization, and application of smart polymers and metamaterials. Topics of interest include but are not limited to (1) the synthesis and functionalization of smart polymers with customizable properties; (2) the design, fabrication, and characterization of novel mechanical metamaterials; (3) the use of smart polymers in the development of innovative mechanical metamaterials; (4) additive manufacturing techniques for smart polymers and their integration into metamaterial structures; (5) applications of smart polymers and metamaterials in fields such as biomedical devices, robotics, and aerospace engineering.

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Deadline for manuscript submissions

closed (30 September 2025)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/216772

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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

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