

Special Issue

High-Performance Polymers-Based Building Materials and Structures

Message from the Guest Editors

Polymer composites are considered effective alternatives to traditional building materials, due to their unique mechanical properties, durability, and multifunctional characteristics, and have been widely used in the fields of engineering repair and reinforcement, bridge engineering, and so on. Traditional building materials have been unable to meet the sustainable development requirements of infrastructure, which would accelerate the development and application of high-strength, high-toughness, high-durability, repairable, and multifunctional new building materials, prompting the application of artificial intelligence, 3D printing, and other technological methods in building materials, advancing the development of existing structure reinforcement retrofitting, and enhancing performance. In view of this, the development of high-performance polymer composites, which is an inevitable trend in the development of future building materials, injects a new impetus into the sustainable development of infrastructure.

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Deadline for manuscript submissions

25 October 2025



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



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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 4.7.

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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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