

Special Issue

Polymer Materials: Design, Fabrication and Mechanical Properties

Message from the Guest Editor

Polymer materials have attracted more scholars to focus on related research, including the synthesis, characterization, and properties of materials. Based on the above research, more advanced applications are promoting scholars to design polymeric materials, improve fabrications, and so on. Polymer materials are used for not only chemical research or engineering but also for medical applications, such as artificial muscles. This Special Issue in *Applied Sciences* aims to collect recent advances in polymer materials and related applications. Topics of interest include, but are not limited to, the following:

- Polymer synthesis;
- Polymer processing;
- Polymer characterization;
- Polymer design;
- Polymeric structures;
- Chemical and physical properties;
- Mechanical properties;
- Electroactive polymers;
- Functional polymers;
- Nanostructured blends and copolymers.

We welcome interested scholars to contribute to this Special Issue.

Guest Editor

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Deadline for manuscript submissions

closed (20 August 2025)



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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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