

Special Issue

Synthesis and Application of Advanced Polymeric Materials

Message from the Guest Editors

This Special Issue aims to highlight the recent scientific progress regarding the synthesis of new advanced polymeric materials with improved physical, chemical mechanical, and thermal properties. This Special Issue will consist of original research and review articles, providing new scientific insights into the following topics (though this list is not exhaustive):

- New advanced polymeric materials' design;
- New advanced polymeric materials' applications;
- New advanced polymeric materials in environmental applications;
- New advanced polymeric materials in medical applications;
- New advanced polymeric materials' mechanical properties;
- New advanced polymeric materials' thermal properties;
- New advanced polymeric materials' dielectric properties;
- New advanced polymeric materials' surface properties;
- New advanced polymeric materials' biological properties;
- New advanced polymeric materials' delivery properties.

Guest Editors

Dr. Alexandra Bargan

Department of Functional Polymers, "Petru Poni" Institute of Macromolecular Chemistry, Aleea Grigore Ghica-Vodă, 41A, 700487 Iasi, Romania

Dr. Alina Soroceanu

Department of Inorganic Polymers, Petru Poni Institute of Macromolecular Chemistry, 700487 Iasi, Romania

Deadline for manuscript submissions

closed (20 May 2025)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/189178

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



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

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)