

Special Issue

Polymer-Based Hybrid Composites

Message from the Guest Editors

Polymer hybrid composites have achieved high scientific and industrial interest in the recent years due to the remarkable properties which result from the combination of the polymer matrix and fillers or nanofillers (biological/inorganic/organic-derived components). This Special Issue titled “Polymer-based Hybrid Composites” will focus on the characterization, applications, and processing of these advanced functional materials. We also have a special interest concerning the synthesis and functionalization of polymers in order to improve the interaction of the matrix with the filler. Scientists are kindly invited to contribute with original research articles, review articles, and communications. Submitted manuscripts will be fast-track reviewed. Potential topics include but are not limited the following:

- Synthesis of polymer matrix for hybrid composites;
- Functionalization of polymers for hybrid composites;
- Characterization of polymer hybrid composites;
- Mechanical/electrical properties of polymer hybrid composites;
- Modelling and simulation of polymer hybrid composites;
- Processing of polymer hybrid composites using conventional or new techniques.

Guest Editors

Dr. Juan Pedro Fernández

IMDEA Materials Institute, C/Eric Kandel 2, 28906 Getafe, Madrid, Spain

Dr. Verónica San-Miguel Arnanz

Department of Materials Science and Engineering and Chemical Engineering (IAAB), University of Carlos III of Madrid, Av. Universidad 30, Leganés 28911, Madrid, Spain

Deadline for manuscript submissions

closed (25 October 2022)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/97915

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

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





Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



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



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.

Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)