

Special Issue

Epoxy Thermoset Polymer Composites

Message from the Guest Editors

Epoxy thermoset composites represent a class of materials with a wide array of applications across demanding industries. Key attributes defining these composites include exceptional mechanical performance and remarkable stability in both environmental and chemical contexts. Within the aerospace sector, synthetic fiber-reinforced epoxy composites have witnessed growing adoption due to their exceptional structural properties. In the realm of electrical and electronic components, epoxy nanocomposites have gained significant prominence. While epoxy thermosets reinforced with natural fibers have been under development for many years. The objective of this Special Issue is to provide fresh perspectives on the enhancement of these materials by incorporating various fillers and fibers tailored. This publication encompasses the entire spectrum of activities associated with these materials, ranging from their manufacturing processes and comprehensive characterization to their utilization in engineering applications. This Special Issue particularly focuses on purposefully engineered composites that endow these materials with intriguing and unique properties.

Guest Editors

Prof. Dr. Angels Serra

Department of Analytical and Organic Chemistry, Faculty of Chemistry,
University Rovira i Virgili, C/ Marcel·lí Domingo s/n, N4, 43001
Tarragona, Spain

Dr. Adrià Roig

Department of Analytical and Organic Chemistry, Faculty of Chemistry,
University Rovira i Virgili, C/ Marcel·lí Domingo s/n, N4, 43001
Tarragona, Spain

Deadline for manuscript submissions

closed (31 January 2025)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/185979

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)