

Special Issue

Advanced Biodegradable Polymeric Antimicrobial Packaging

Message from the Guest Editor

This Special Issue aims to publish original papers on bio-based packaging materials with antimicrobial properties, involving experimental validation, analysis, new computational approaches, practical results, etc. Studies on the application of antimicrobial packaging for food preservation or drug shelf life extension are welcome. The focus should be on the properties of the products used, as well as on the development of active packaging products from bioproducts in the crop, forest, and agricultural industries, including chemical or natural antimicrobial agents. Contributions may also focus on the development of packaging composites with sustainable and environmentally friendly properties, i.e., lightweight materials with a variety of compositions, shapes, and forms; improved mechanical, thermal, and moisture sensitivity; gas barrier (oxygen, carbon dioxide, and water vapor) properties; and antimicrobial properties.

Guest Editor

Dr. Marya Raji

Composites and Nanocomposites Center, Moroccan Foundation for Advanced Science, Innovation and Research, Rabat Design Center, Rue Mohamed El Jazouli, Madinat El Irfane, Rabat 10100, Morocco

Deadline for manuscript submissions

closed (15 November 2023)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/167907

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 4.9.

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

Fraunhofer-Institut für Angewandte Polymerforschung, Lehrstuhl für Polymermaterialien und Polymertechnologie, Universität Potsdam, Geiselbergstraße 69, 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, CAPIus / SciFinder, Inspec, and other databases.

Journal Rank:

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