

Special Issue

Micro- and Nano-Scale Polymer Composites for Food Applications

Message from the Guest Editors

The food industry is a broad area with multiple applications. Utilization of macro and/or nanoscale food-grade materials to functionalize a food product is a common practice. These types of materials can be used in a food package or edible packages for antimicrobials but their use is not limited to these applications. Advanced composites are also used to protect a specific biomolecule or living cells (enzymes, probiotics) inside the food and targeted delivery. All food types and beverages are suitable matrixes for these polymer composites that are designed to fulfill several characteristics as carriers, target/multistage delivery, foam formation, conjugates of biomolecules, gelling system and colloids formation, and so on. Food matrixes structures and their functional properties can be modulated using advanced food-grade polymer composites. All these potential food applications of polymers will be covered in this Special Issue, which welcomes the submission of both reviews and original research articles in this area.

Guest Editors

Dr. Oana Lelia Pop

Prof. Dr. Ramona Suharoschi

Prof. Dr. Dan Cristian Vodnar

Deadline for manuscript submissions

closed (25 February 2022)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/43964

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)