Special Issue

Study in Chitosan and Crosslinked Chitosan Nanoparticles

Message from the Guest Editors

Chitosan is a biodegradable polymer derived from chitin, which is found in the exoskeletons of crustaceans. It has a wide range of applications, including as a drug delivery system, wound dressing, and food preservative. Crosslinked chitosan nanoparticles are chitosan nanoparticles with a large surface area that have been treated with a crosslinking agent to increase their stability and durability. Crosslinking can also improve the mechanical properties of the nanoparticles, making them more resistant to degradation by enzymes or pH changes. This increased stability leads to crosslinked chitosan nanoparticles having many potential applications in various industries due to their biocompatibility, biodegradability, and versatility.

Guest Editors

Dr. Aldo Amaro-Reyes

Departamento de Investigación y Posgrado en Alimentos, Facultad de Química, Universidad Autónoma de Querétaro, Querétaro 76010, Mexico

Prof. Dr. Carlos Regalado-González

Departamento de Investigación y Posgrado en Alimentos, Facultad de Química, Universidad Autónoma de Querétaro, Cerro de las Campanas s/n, Col. Las Campanas, Queretaro 76010, Mexico

Deadline for manuscript submissions

closed (15 November 2024)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/169660

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

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

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)

MDPI