Special Issue

Polymeric Materials as Scaffolds for Tissue Engineering

Message from the Guest Editor

This Special Issue aims to present a collection of original research papers and state-of-the-art reviews that focus on polymeric materials for scaffolds, scaffolds made of various polymer-based materials (including various composite-type materials and hybrid-type materials), related processes (including designs, fabrication processes, characterization, and novel applications), and any other related topics. Contributions focused on polymeric materials as tissue engineering scaffolds in any of the following topics are of particular interest: • materials with and assessment of biocompatibility and biodegradability; • design, numerical modeling, and parametric studies of polymer-based scaffolds; • fabrication methods/techniques for tissue engineering scaffolds; • in-vitro/in-vivo assessments; • new applications of biocompatible materials and polymer-based scaffolds.

Guest Editor

Prof. Dr. Young-Sam Cho

Nature-Inspired Technology Lab. in MechaBio Group, Dean of Department of Mechanical Design Engineering, Dean of Department of Mechanical, Chemical, and Biomedical Engineering (Graduate School), Wonkwang University, 460 Iksandae-ro, Iksan, Jeonbuk 54538, Republic of Korea

Deadline for manuscript submissions

closed (30 June 2022)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/55509

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