

Special Issue

Recent Advances in Biobased and Biodegradable Polymers

Message from the Guest Editor

The global demand for suitable and sustainable processes of polymer synthesis has risen in recent years. The impact of the procedures implemented in polymer synthesis on the environment has increased, leading to an upsurge in synthetic polymers of natural origin and/or biodegradables. Many different strategies can be implemented to produce these polymers. Special attention should be paid to the use of biocatalysts and environmentally friendly solvents in their synthesis, which represent major challenges for researchers. In this Special Issue, different approaches regarding the synthesis, characterization, and application of biobased and biodegradable polymers will be discussed. Original articles, communications, as well as review articles that describe the current state-of-the-art in the proposed field of research are of great interest.

Guest Editor

Dr. Jennifer Noro
3B's Research Group, Universidade do Minho, Braga, Portugal

Deadline for manuscript submissions

closed (10 September 2023)



Materials

an Open Access Journal
by MDPI

Impact Factor 3.2

CiteScore 6.4

Indexed in PubMed



mdpi.com/si/118354

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

[mdpi.com/journal/
materials](http://mdpi.com/journal/materials)





Materials

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



[mdpi.com/journal/
materials](http://mdpi.com/journal/materials)

About the Journal

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Metallurgy and Metallurgical Engineering) /
CiteScore - Q1 (Condensed Matter Physics)

