# Special Issue Biobased Polymers

# Message from the Guest Editor

Biobased polymers, which are defined as sustainable polymeric materials produced from renewable biomass resources, are becoming some of the most important core materials in science and technology. Within this century, they are expected to replace the conventional oil-based polymers synthesized from fossil resources. In this Special Issue, we aim to present valuable findings regarding "biobased polymers". This research area covers diverse fields, including organic chemistry, polymer chemistry, microbiology, biotechnology, chemical engineering, materials science, and materials physics, and others. Considering your prominent contribution to this extensively studied research topic. I would like to cordially invite you to submit an article to this Special Issue. Original articles, communications, and review articles discussing the latest findings in the field of biobased polymers are all welcome. I would be very grateful if you could consider being one of our authors. Keywords

- sustainable materials
- non-fossil resources
- biomass
- eco-friendly
- natural polymers

# **Guest Editor**

#### Dr. Tomonari Tanaka

Department of Biobased Materials Science, Graduate School of Science and Technology, Kyoto Institute of Technology, Matsugasaki, Sakyo-ku, Kyoto 606-8585, Japan

# Deadline for manuscript submissions

closed (31 May 2021)



an Open Access Journal by MDPI

Impact Factor 3.2 CiteScore 6.4 Indexed in PubMed



mdpi.com/si/26891

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

### mdpi.com/journal/

materials





an Open Access Journal by MDPI

Impact Factor 3.2 CiteScore 6.4 Indexed in PubMed



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)