







an Open Access Journal by MDPI

BioPlastics-Emerging Materials for a Circular Economy

Guest Editor:

Prof. Dr. Ramani Narayan

Chemical Engineering & Materials Science, Michigan State University, 228 S. Shaw Lane, East Lansing, MI 48824, USA

Deadline for manuscript submissions:

closed (31 December 2018)

Message from the Guest Editor

Dear Colleagues,

This special issue focuses on "biobased" plastics derived from plant-biomass resources (the beginning of life of the "biodegradable-compostable" and representing an environmentally responsible end-of-life for the plastics. Chemical recycling offers another responsible end-of-life for bioplastics. These represents essential elements of the circular economy. Articles will report on new materials as well as process innovations, industrially relevant bioplastics, and its respnsible end-of-life strategies. Standards. certifications. and regulatory framework articles around the world will be included. Articles in this special issue provides the present state of the science & technology in the bioplastics space and a vision for its future

Prof. Ramani Narayan

Guest Editor













an Open Access Journal by MDPI

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, OC H3A 0C7, Canada

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The iournal covers twenty-five comprehensive biomaterials, energy materials, advanced composites. advanced materials characterization, porous materials, manufacturing processes and systems. 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.

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 & Metallurgical Engineering*) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us