



materials



an Open Access Journal by MDPI

Packaging and Polymers: The New Generation

Guest Editor:

Dr. Valentina Siracusa

Department of Chemical
Sciences, Università degli Studi di
Catania, 95125 Catania, Italy

Deadline for manuscript
submissions:

closed (31 July 2020)

Message from the Guest Editor

Dear Colleagues,

In the last decade, the most innovative developments in the area of food packaging are bio-based and biodegradable packaging, as well as active and intelligent packaging. The purpose is to respect environmental concerns as well as the need for freshness, quality, and safety of food.

The aim of this Special Issue is to give an overview of ongoing scientific and industrial research, of recent technological breakthroughs, and of emerging food packaging technologies developed in order to try to solve the emerging need for new and efficient processes, for controlling and solving safety and quality food concerns through the supply chain and to reduce product (food and material) loss. The new generation of packaging material is now called to solve several functions, such as protecting, sensing, detecting, recording, and controlling any change in the product, in the package, and/or its environment.

Research as well as review articles are welcome.



mdpi.com/si/22355

Special Issue



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, QC H3A 0C7, Canada

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.

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

Materials Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/materials
materials@mdpi.com
[X@Materials_Mdpi](https://twitter.com/Materials_Mdpi)