Special Issue

Processing, Modification and Properties of Biodegradable Polymeric Materials

Message from the Guest Editor

Biodegradable polymers form one of the main groups of polymeric materials that have received a great amount of interest in recent years from both scientists and entrepreneurs. A number of technological operations connected with the production of polymer blends, composites or nanocomposites, as well as biodegradable copolymers, crosslinked or grafted polymers are being carried out. The modifications also refer to polymer processing, mainly its conditions or the design features of machines and devices. The issues in the field of property modification of the final products, i.e., issues of surface activation, metallization or sterilization, are no less important. Moreover, studies on low-molecular weight compounds used as modifiers of polymeric properties. This Special Issue is dedicated to the processing of biodegradable polymeric materials and the modification and investigation of their properties. The presentation of the most significant issues associated with the abovementioned research topics as well as the important trends in this area are welcome. Reviews, full papers, and short communications focused on new achievements in this area are expected.

Guest Editor

Dr. Rafał Malinowski

Łukasiewicz Research Network-Institute for Engineering of Polymer Materials and Dyes, Maria Skłodowska-Curie 55, 87-100 Toruń, Poland

Deadline for manuscript submissions

closed (28 February 2022)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/48687

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

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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

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