materials

an Open Access Journal by MDPI

IMPACT FACTOR 3.1

Indexed in: PubMed

CITESCORE 5.8

Polymeric Materials: Surfaces, Interfaces and Bioapplications

Guest Editors:

Dr. Marta Fernández-García

Dr. Marina Patricia Arrieta Dillon

Dr. Alexandra Muñoz-Bonilla

Dr. Coro Echeverría

Dr. Agueda Sonseca

Deadline for manuscript submissions:
closed (30 November 2018)

Message from the Guest Editors

Polymeric materials—either synthetic or natural—play an essential role in everyday life. Understanding how the properties (and therefore, the applications) of polymers can be varied or even improved by modifying or changing the polymeric surface or interfaces is a driving force for researchers.

This Special Issue aims to cover all the aspects related to recent innovations on surfaces, interfaces, and bioapplications of polymeric materials. Special emphasis will be placed on the influence of chemical or physical surface modification on the inferred properties, such as wettability, stimuli-responsiveness, compatibility, adhesion, toxicity, etc. Besides, contributions analyzing the effect of interfaces and interphases of polymeric blends, hybrids, or (nano)composites on their physico-chemical and biological properties are also appreciated. We also intend to include functional and protective coatings as well as thin films for biological applications in this Special Issue. Finally, we would like to emphasize that this Special Issue is widely inclusive, so we expect a large number of works to fall within its scope.

materials

IMPACT FACTOR 3.1 | Indexed in: PubMed | CITESCORE 5.8

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

Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/materials
materials@mdpi.com
𝕏@Materials_Mdpi