



Advanced Polymeric Materials: Synthesis, Properties, and Applications

Guest Editor:

Dr. Manuela Zubitur

Chemical and Environmental
Engineering Department,
Polytechnic School, University of
the Basque Country UPV/EHU,
20018 Donostia-San Sebastián,
Spain

Deadline for manuscript
submissions:

closed (20 September 2023)

Message from the Guest Editor

Dear Colleagues,

Some of the challenges of the 21st century, such as energy, healthcare, and sustainability, demand the development of advanced polymeric systems with specific required properties and multifunctionality.

This Special Issue on “Advanced Polymeric Materials: Synthesis, Properties, and Applications” will include recent innovations and developments on the following types of advanced polymer systems: polymers with self-healing, sensing, or switching properties; advanced coatings and textiles; hydrogels for 3D bioprinting; advanced multiphasic polymer systems; smart drug delivery systems; materials for energy storage applications; and novel, high-performance bio-based polymers, and composites.

It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.

Prof. Dr. Manuela Zubitur
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, 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)