Special Issue

Miscellaneous Applications of Polymer Materials: Adsorption, Catalysis, Degradation and Environment Protection—2nd Edition

Message from the Guest Editor

Currently, polymers are probably the most abundant materials commonly used by humans, with applications ranging from the everyday to high-tech, smart and intelligent uses. Many modern branches in fields such as medicine, pharmacy, electronics, optics, the automotive industry, and chemistry cannot work and develop effectively without using the specific and designed properties of polymers.

At present, a number of new challenges exist for scientists. Biocompatibility, biodegradability and environmental friendliness have become particularly coveted characteristics in polymeric materials. For this reason, the synthesis and application of green and sustainable polymers are in the spotlight, and so too for biopolymers.

We invite you to submit a manuscript(s) for this Special Issue, entitled “Miscellaneous Applications of Polymer Materials: Adsorption, Catalysis, Degradation and Environment protection—2nd Edition”. We are also open to any interesting ideas regarding the utilization of new polymeric materials. Full papers, communications, and reviews are all welcome.

Guest Editor

Dr. Magdalena Sobiesiak

Department of Polymer Chemistry, Institute of Chemical Sciences, Faculty of Chemistry, Maria Curie-Sklodowska University, Lublin, Poland

Deadline for manuscript submissions

20 August 2025

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/231941

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

mdpi.com/journal/materials

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/journal/materials

MDPI

About the Journal

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

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