Special Issue

Advanced Carbon Materials

Message from the Guest Editor

Carbon is a fascinating material that displays a number of interesting properties. The compounds it creates can be found both in everyday life as well as in many areas of science and industry. In materials engineering, it has been used for centuries as one of the basic components of steels and alloys. Striving for perfection in the field of synthesis of carbon materials with improved or sometimes completely new properties has resulted in the development of advanced processing techniques, including new technologies, new characterization methods, and new functional properties and application possibilities, forming the basis for new ideas and concepts. This Special Issue of *Materials*, "Advanced Carbon Materials", is especially dedicated but not limited to new advances in the field of modeling, synthesis, modification, characterization, and application of carbon-based materials. Papers presenting new contemporary achievements in terms of techniques, process parameters, resulting properties, and possible applications are most welcome.

Guest Editor

Prof. Dr. Damian Batory
Department of Vehicles and Fundamentals in Machine Design, Lodz University of Technology, 90-924 Lodz, Poland

Deadline for manuscript submissions

closed (31 October 2020)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/31957

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

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)