

Special Issue

Wear Resistance Surface Layers and Coatings on Metals and Alloys

Message from the Guest Editor

This Special Issue on “Wear Resistance Surface Layers and Coatings on Metals and Alloys” will provide a forum for publishing papers which advance the in-depth understanding of the relationship between structure, properties or the functions of surface layers and coatings on nonferrous materials and their alloys. This Issue focuses on the influence of a variety of factors in anti-wear surface engineering, on the mechanisms of wear and wear resistance, on the characteristics of different categories of nonferrous alloy, and on the effects of layers and coatings deposition. This Special Issue will include original scientific papers, which shed light on recent developments in coating technologies. Of particular interest are recent developments in advanced materials and processes, including thermal spraying, laser surface treatment, PVD, surface modification treatments, multilayer structural composites, and nanosurface engineering (with the development of nanoscience and technology).

Guest Editor

Prof. Dr. Marcin Adamiak

Department of Engineering Materials and Biomaterials, Silesian University of Technology, 44-100 Gliwice, Poland

Deadline for manuscript submissions

closed (31 December 2020)



Materials

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/39726

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

[mdpi.com/journal/
materials](https://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](https://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)