



Functional Titanium-Based Materials: Complexes, Composites and Coatings

Guest Editor:

Assoc. Prof. Piotr Piszczek

Department of Chemistry,
Nicolaus Copernicus University in
Toruń, 87-100 Toruń, Poland

Deadline for manuscript
submissions:

closed (15 May 2020)

Message from the Guest Editor

Dear Colleagues,

Titanium and titanium-based materials are widely applied in variety of fields, ranging from the aviation and automotive industries to biomedical technologies. In spite of many published publications, titanium complexes and titania-based materials are still attractive topics in many research studies on their production, structural, and spectral characterization, estimation of their physicochemical and mechanical properties, and of their photocatalytic activity and bioactivity. Knowledge of these properties and their synergistic effects is very important for optimal applications of these materials in various fields.

The purpose of this Special Issue is to present the results of the latest works about titanium-based materials, especially titania nanocoatings of different architectures, titanium complexes/oxo-complexes, and also titanium-based nanocomposites. This Special Issue should be a place for both exchanging experiences as well as for further cooperation. Your contributions are welcome.





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](https://twitter.com/Materials_Mdpi)