

Special Issue

Functional Titanium-Based Materials: Complexes, Composites and Coatings

Message from the Guest Editor

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.

Guest Editor

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Deadline for manuscript submissions

closed (15 May 2020)



Materials

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CiteScore 5.8
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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.

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