Special Issue

Advances in Titania-Based Nanomaterials and Coatings and Their Applications

Message from the Guest Editors

Titania is one of the most important materials used in research on modern, functionalized nanomaterials. This is due to its interesting properties, such as its ability to form many different topologies (nanotubes, nanowires, other complex morphologies, etc.); the band gap in the border of UV and Vis regions related to its photocatalytic activity; and its high biocompatibility, resulting in the ability to achieve good adhesion and proliferation of fibroblasts, for example. The present Special Issue is an excellent opportunity to announce the results of recent studies on titanium dioxide nanomaterials, especially those that present the potential application of the studied material or its real-world application. All papers concerning titania nanomaterials in the form of powders, coatings, etc. are welcome.

- titania
- nanomaterials
- coatings
- applications
- surface decoration
- photocatalysis
- catalysis
- functionalization

Guest Editors

Dr. Adrian Topolski

Department of Inorganic and Coordination Chemistry, Faculty of Chemistry, Nicolaus Copernicus University in Toruń, Gagarina 7, 87-100 Toruń, Poland

Prof. Dr. Aleksandra Radtke

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

Deadline for manuscript submissions

closed (10 April 2022)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/85338

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

mdpi.com/journal/applsci

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/journal/applsci

MDPI

About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)