Special Issue

Advanced Surface Treatment Technologies for Metallic Alloys

Message from the Guest Editor

We would like to invite you to submit your work to this Special Issue on “Advanced Surface Treatment Technologies for Metallic Alloys”. The aim of this Special Issue is to present the latest experimental and theoretical achievements in the field, through a combination of original research papers and review articles from leading research groups around the world. Scientific and technological progress has been achieved on this topic by universities and research institutes worldwide. Furthermore, advanced surface treatment is very well known by scientists, and can improve the properties of any kind of metallic alloys. In particular, the topics of interest include, but are not limited to, the following:

- Mechanical coating/alloying/treatment of the metallic alloys;
- Heat/thermo/chemical treatment of the metallic alloys;
- Nonconventional treatment applied to metallic alloys;
- Metallic biomaterials coatings applied, but not limited to, Ti-based alloys, CoCr alloys, and stainless steels.

Prof. Dr. Petrică Vizureanu

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2021)

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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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