

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

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Message from the Editorial Board

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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