

Special Issue

Corrosion Resistance Enhancement of the Materials Surface—Second Edition

Message from the Guest Editors

From the perspectives of engineers, physicists, medical doctors, researchers, and scientists, we intend to analyze and discuss different topics of corrosion resistance. The high potential of the enhancement of a material's surface (using metallic, polymer, or ceramic layers, or via active functionalization through laser or ion beam, mechanical, or chemical transformation) makes them suitable for many applications. Actual activity in the domain presents a few problems connected to the obtaining and processing of metallic alloys, the modification of the surface state, and the characterization, modeling, and simulation of prototyping technologies. For more details, please see the special issue website at:

https://www.mdpi.com/journal/materials/special_issues/9K2WQ08OXH

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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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