Special Issue

Corrosion Resistance Enhancement of the Materials Surface

Message from the Guest Editors

From the perspective of engineers, physicists, medical doctors, researchers and scientists, we intend to analyze and discuss different topics on corrosion resistance. The high potential of the enhancement of a material's surface (using metallic, polymer or ceramic layers or by active functionalization through laser or ion beam, mechanical or chemical transformation) make 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, modelling, and simulation or prototyping technologies. For more information, please click the following link:
https://www.mdpi.com/journal/materials/special_issues/corrosion_resistance_enhancement

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Deadline for manuscript submissions

closed (10 March 2023)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/62827

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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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