



Advances in Surface Corrosion Protection of Alloys

Guest Editor:

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Message from the Guest Editor

Extensive research has been devoted to methods of preventing the corrosion of metallic alloys in the past few decades. Recently, several innovative approaches based on the evolution of surface treatments and coating materials have been discussed in the scientific community. This Special Issue will act as a forum for researchers to discuss the most recent advances in methods and materials for surface protection. We welcome both experimental and computational studies in the following areas: corrosion protection of light alloys (magnesium, aluminum and titanium alloys), steels (carbon steels, stainless steels, high-strength low-alloy steels, advanced high-strength steels), and multiprincipal element alloys, surface treatments (anodization, micro-arc oxidation), plasma-based coatings, organic coatings, graphene-based coatings, surface protection in the oil and gas industry, amorphous coatings, laser-assisted surface treatment methods, and corrosion mechanisms of alloys. Review articles are also encouraged.





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Message from the Editor-in-Chief

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