

Special Issue

New Developments of Protective Coatings, Organic Polymers, and Surface Analysis

Message from the Guest Editor

In recent years, progress in the protective coatings of organic polymers on active metals has been one of the on a largest-scale studied domains in the field of corrosion protection. Organic coatings are frequently used to protect metals and their alloys against corrosion, and they have attracted significant attention in the scientific and technological domains. This Special Issue invites papers on but not limited to the following topics: theoretical and experimental study of organic coatings for corrosion protection; mechanisms and methods of corrosion control; new developments in organic coatings and related materials; chemical and physical properties of organic coatings and related materials; methods of preparation, fabrication, and application of organic coatings materials for the protection of the metallic substrates against corrosion; performance, investigation, and analysis of organic coatings; experimentation on and processing of high-efficiency coatings in high temperatures, high stress, and different immersion times; computer modeling to provide coverage properties, performance, stability, and resistance in aggressive media.

Guest Editor

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About the Journal

Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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