Special Issue

Organic Coatings for Improved Corrosion Resistance

Message from the Guest Editors

The field of coatings has witnessed tremendous progress in the synthesis, application, and characterization of organic coatings. The combination of novel spectroscopic, microscopic, and electrochemical characterization methods, with enhanced sensitivity and improved lateral and temporal resolution, with computational simulation and modeling, has deepened our understanding of the formation, corrosion protection, and degradation mechanisms of organic coatings. In parallel, various techniques have been developed to improve the application method and durability of the organic coating on complex industrial parts. Organic coatings with self-healing or pH-sensitive properties, as well as those with improved adhesion have been developed. To cover the recent progress in the field, it is our pleasure to invite you to submit a manuscript on "Organic Coatings for Improved Corrosion Resistance" in this Special Issue of *Materials*. Both original scientific papers and reviews are welcome.

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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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