

Special Issue

Development and Application of Multifunctional Protective Materials

Message from the Guest Editor

Protective materials are an indispensable part of our daily lives and technological development, and their service life largely determines the lifespan of any construction project. In recent years, modern technology has rapidly advanced in fields such as aerospace, electronic information, and deep-sea engineering, leading to increasingly stringent requirements for the comprehensive performance of materials used in extreme environments (high temperature, high humidity, strong corrosion, high-frequency electric fields, etc.). This Special Issue, "Development and Application of Multifunctional Protective Materials," aims to present the performance development and application of different types of protective materials in various application scenarios. Its scope includes, but is not limited to, the following: (1) Functional modification and application of coatings and paints. (2) Modification and application of protective materials in high-temperature, high-humidity, strong-corrosion, and high-frequency electric field conditions.

Guest Editor

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About the Journal

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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