Special Issue

Physical Vapor Deposition (PVD) and Chemical Vapor Deposition (CVD) Advanced Coatings

Message from the Guest Editors

With the rapid advancement of technology and the increasing globalization of society, it is imperative to enhance the characteristics of materials to meet new demands and respond to emerging problems. For this reason, materials must continue to evolve to meet consumer demand. To this end, it is critical to keep studying ways to create more advanced coatings, namely discovering new material combinations, multilayer structures, and advanced coatings. Coating techniques, as well as improving material characteristics, have been extensively studied. Research conducted by the scientific community has aided in the advancement of both new and existing coating techniques. As a result, many interesting topics are being developed daily in the field of thin film coatings. This Special Issue aims to compile the latest advances through original, high-quality research capable of promoting new developments in coating processes and their applications.

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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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