

Special Issue

Recent Advances, Applications and Challenges on Coated Tools for Machining Processes

Message from the Guest Editor

With globalization and technological evolution at a crazy speed, improving the characteristics of materials is essential to respond to new arising challenges. For the evolution of materials to keep up with the demand, it is very important to continue with studies on ways to create better advanced coatings, namely discovering new materials combinations, new multilayered structures, and graded coatings. Improving the characteristics of materials has been widely studied, as have coating techniques to offer combinations that in normal cases would not be possible in a single material. Thus, there are several interesting topics being developed every day. This Special Edition aims to bring together the latest advances through original and high-quality work, capable of disclosing new developments in coating processes and machining results.

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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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