

Special Issue

Microstructure, Tribological and Corrosion Behaviors of Coatings

Message from the Guest Editor

This Special Issue of *Materials* is focused on studies examining the potential of laser treatment of thermally-sprayed coatings regarding tribological and corrosion behavior. Contributions are welcome from the fields of i) laser treatment parameters studies; ii) laser treatment process diagnostics and control; iii) laser-treatment-induced coatings' microstructure development; iv) evaluation of changes of coatings' functional properties; v) modeling of heat dissipation processes and related changes of coatings internal stresses; and vi) case-studies of laser post-treatment application.

Guest Editor

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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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