Special Issue

Nanostructured Materials Fabricated via Laser Techniques

Message from the Guest Editor

Dear colleagues, The synthesis of nanostructured materials using various laser techniques has attracted significant interest during the last decade. Due to the versatility and reliability of laser techniques, the nanomaterials obtained by these have found applications in many fields of interest. The aim of the Special Issue “Nanostructured Materials Fabricated via Laser Techniques” is to provide an up-to-date overview of laser techniques and the resulting nanomaterials, whether it is nanopowders or thin films synthesis or just surface treatment, covering a wide spectrum of applications such as energy storage/generation, catalysis, decontaminations or biomedicine. We highly encourage contributions that bring novelty toward the field of nanostructured materials where the laser technique is of essence. Papers can cover subjects including but not limited to conventional and new techniques, optimization and simulation, and novel nanomaterial properties and applications.

Guest Editor

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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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