Special Issue

Advancements in Laser Machining and Optical Materials

Message from the Guest Editor

Ultra-fast (picosecond, femtosecond) laser processing techniques have been widely used in the processing and research of optical materials. The use of ultra-fast laser processing technology to process optical materials has attracted widespread attention in the fields of scientific research and technological processing.

Therefore, we are announcing a Special Issue on "Advancements in Laser Machining and Optical Materials" and invite original contributions to capture the current state of research related to optical material processing and manufacturing technologies. The scope of this Special Issue covers, but is not limited to, understanding, modeling, monitoring, and controling material behaviors during ultrafast laser ablation or refractive index modifications; process condition optimization; surface texturing or functionalization; and developments of sensors and devices using ultrafast lasers, product innovations, and applications.

We are pleased to invite you to submit manuscripts for this Special Issue. We look forward to receiving your contributions to this Special Issue.

Guest Editor

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Deadline for manuscript submissions

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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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