Special Issue

Laser, Plasma, and Radiation Processing of Advanced Functional Materials for Magnetic, Electrotechnical and Electrochemical Applications

Message from the Guest Editors

We are currently running a joint Special Issue between the MDPI journals *Materials* and *Magnetochemistry*. The aim of this joint Special Issue is to cover all relevant aspects of materials science, highlighting the benefits of laser and plasma processing. Particular emphasis is placed on thin film deposition, nanostructures, nanomaterials, and nanocomposites for applications in magnetism, electrical engineering, and electrochemistry. Accordingly, this joint Special Issue welcomes original research and review manuscripts on the challenges and trends covering the design, synthesis, and characterization of any type of advanced functional materials. The study of structure–shape–property relationships and related applications is also highly encouraged. We also welcome manuscripts on the development of new experimental concepts, from the transfer, physical and/or chemical transformation, and high-resolution patterning of advanced thin films and nanomaterials to the design and fabrication of devices with use in environmental protection technology, ecology, and ecological applications and ecological science to address current environmental problems.

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About the Journal

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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