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Laser and Plasma Processing of Advanced Ceramics for Magnetic, Electrotechnical and Electrochemical Applications

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Message from the Guest Editors

We are currently running a joint Special Issue between MDPI's journals *Materials* and *Magnetochemistry*.

The aim of this Special Issue is to cover all relevant aspects on ceramic materials, laser and plasma processing and thin film deposition, nanostructures, nanomaterials and nanocomposites, with applications in magnetism, electrical engineering and electrochemistry.

Accordingly, this Special Issue welcomes original research and review manuscripts on the challenges and trends covering fundamental and experimental research—with special focus on the design, synthesis and characterization of any type of ceramic material (oxide, non-oxide, composites, etc.) and the study of its structure/shape/property relationships.

We also welcome manuscripts on the development of new experimental concepts, from the transfer, physical and/or chemical transformation, 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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Special Issue



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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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