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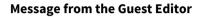
Laser Processing of Advanced Materials

Guest Editor:

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Dear Colleagues,

Owing to the new development of advanced materials, the potential application of laser processes is now seeing continuous growth. Accordingly, extensive research for the laser processing of advanced materials is highly recommended for the relevant application of advanced materials.

This Special Issue focuses on the laser processing of advanced materials, the characterization of their properties, and the finding of underlying physics related to the process.

The topics of interest include but are not limited to:

- Laser processing of advanced materials (i.e., composites, multifunctional materials, and various metal, polymer, ceramic, electrical, energy, and biological materials which have applications in high-tech industries such as aerospace, automobile, semiconductor/display or biomedical industries);
- Characterization of laser-processed materials (mechanical, thermophysical, chemical, electrical or optical properties, etc.);
- New material processing technology based on laser;
- Interaction mechanism between laser and advanced materials;
- Threshold power or energy density for material modification;
- Numerical sin



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Message from the Editor-in-Chief

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Materials (ISSN 1996-1944) was launched in 2008. The twenty-five iournal covers comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing systems, processes and 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, Open Access: free for readers, with article processing charges (APC) paid by authors or advanced and functional ceramics and glasses, metals and soft matter, polymeric materials, quantum allovs, The function of materials, "green materials," SciFinder, Inspec, Astrophysics Data System, and general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its Journal Rank: JCR - Q1 (Metallurgy and Metallurgical Engineering) / CiteScore - Q2 (Condensed Matter Physics)

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