Special Issue

Laser Manufacturing Technology and Its Advanced Applications

Message from the Guest Editor

Laser manufacturing technology has emerged as a multidisciplinary frontier, having shown its great potential in many advanced industrial fields. It is capable of constructing two- and three-dimensional features with specific functions. However, there are still many challenges to overcome. This Special Issue of *Materials* entitled “Laser Manufacturing Technology and Its Advanced Applications” aims to provide an overview of the latest developments in laser manufacturing technology and its vast advanced applications. Topics of the interest include, but are not limited to, the exploration of new theories, methods, technologies, processes, etc., which enable many breakthroughs in a great number of valuable research areas such as laser surface texturing, laser micro/nano additive manufacturing, laser micro/nano welding and joining, laser composite machining, laser drilling/cutting/milling and their applications in aerospace, energy, communication, chemistry, mechanics, and other key industrial fields. We hereby invite you to contribute original research and review articles.

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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