

Special Issue

Ultrafast Laser Micro-/Nano-Processing: Igniting Innovation at the Tiniest Scales

Message from the Guest Editor

The field of ultrafast laser micro-/nano-processing has witnessed remarkable growth in recent years, being the focal point of this Special Issue, titled "Ultrafast Laser Micro-/Nano-processing: Igniting Innovation at the Tiniest Scales". The objective of this Special Issue is to present a comprehensive collection of the latest research findings and technological advancements in ultrafast laser micro-/nano-processing. It aims to provide a platform for researchers and practitioners to share their insights, innovative techniques, and experimental results. By doing so, we hope to foster further progress in this exciting field, stimulate interdisciplinary collaborations, and inspire new ideas for future applications. We encourage submissions that cover a wide range of topics, including the fundamental principles of ultrafast laser-material interactions, advanced fabrication methods, characterization techniques of micro-/nano-structures created by ultrafast lasers, and the exploration of emerging applications in different sectors.

Guest Editor

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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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