

## Special Issue

# Advanced Laser Fabrication of Optical Materials and Their Applications

### Message from the Guest Editor

Femtosecond laser microfabrication in general covers a broad range of technologies, especially the direct laser writing technologies, where the microstructures are created in a point-by-point manner, scanning the sample in respect to the focused laser beam or vice versa. At the focal region, the material of the sample is modified. The type of modification depends on the material and laser beam parameters and often describes the name of the technique. This Special Issue aims to cover original research works and reviews on the laser microfabrication of optical and photonic devices, the enhancement of their fabrication or postprocessing technologies, development of innovative optical microstructures and their applications.

- Laser microfabrication
- Microoptics
- Photonics
- Direct laser writing
- Multiphoton polymerization
- Selective glass etching
- Integrated devices

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 December 2021)



## Materials

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*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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