

## Special Issue

# Laser Processing of Biocompatible Materials: From Fundamentals to Applications

### Message from the Guest Editors

For processing biocompatible materials in the shape of 2D and 3D structures, the use of laser-based techniques is particularly appealing, as they provide high flexibility and good reproducibility for the structures, along with spatial resolution up to tens of nanometers. In this context, the forthcoming Special Issue of *Materials* aims to follow new advances in the field of laser processing of biocompatible materials. In particular, it will publish cutting-edge original research on environmentally friendly, precise, and versatile laser-assisted processes, such as (but not limited to): ultrafast laser processing, laser direct writing via two photon polymerization, pulsed laser deposition, laser-assisted pulsed laser evaporation, and laser-induced forward transfer. Therefore, it is our pleasure to invite you to contribute to this Special Issue with your research article, short communication, or review, related to laser processing of biocompatible materials, ranging from fundamental processes to applications. **Keywords**

- laser processing
- laser direct writing
- pulsed laser deposition
- matrix-assisted pulsed laser evaporation
- laser-induced forward transfer

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### Deadline for manuscript submissions

closed (31 October 2021)



## Materials

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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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