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Laser Processing of Biocompatible Materials: From Fundamentals to Applications

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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, laserassisted 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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Message from the Editor-in-Chief

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