

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

Guest Editors

Dr. Irina Paun

1) Center for Advanced Laser Technologies, National Institute for Lasers, Plasma and Radiation Physics, Atomistilor 409 Magurele-Ilfov, RO-077125, Romania 2) Physics Department, Faculty of Applied Sciences, National University of Science and Technology Politehnica Bucharest, Splaiul Independentei 313, RO-060042, Romania

Dr. Maria Dinescu

National Institute for Laser, Plasma & Radiation Physics, Atomistilor 409, 077125 Magurele, Romania

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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