

Special Issue

Laser Surface Modification Technology for Materials Sciences

Message from the Guest Editors

We cordially invite you to contribute to the *Materials* MDPI journal's Special Issue on "Laser Surface Modification Technology for Materials Sciences", which focuses on the utilization of laser-based techniques and methods in the field of materials science. A more in-depth understanding of the fundamental mechanisms underlying laser-induced changes in materials is made possible via findings addressing surface alterations, which improve or alter the properties of materials depending on their application. We highly encourage submissions of papers that emphasise experimental studies on the laser synthesis and processing of thin films, composite materials, nanoparticles, polymers, and biocompatible materials. Due to the widespread use of lasers in modern research and development, the themes also include theoretical approaches and the modelling and simulation of laser-surface interactions. Finally, review articles pertaining to the topics of interest are encouraged.

Guest Editors

Dr. Biljana Gaković

VINCA Institute of Nuclear Sciences—National Institute of the Republic of Serbia, University of Belgrade, Belgrade, Serbia

Dr. Dubravka Milovanović

Institute of General and Physical Chemistry, 11158 Belgrade, Serbia

Deadline for manuscript submissions

closed (20 April 2024)



Materials

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/187108

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

[mdpi.com/journal/
materials](https://mdpi.com/journal/materials)





Materials

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



[mdpi.com/journal/
materials](https://mdpi.com/journal/materials)



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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Metallurgy and Metallurgical Engineering) /
CiteScore - Q1 (Condensed Matter Physics)