

Special Issue

Material Surface Topography Measurement, Analysis and Characterization (2nd Edition)

Message from the Guest Editors

Topography is of great importance for the functional behavior of the surface, strongly interacting with material properties and operating conditions. The characterization of surface topography includes measurement, visualization, and quantification, which currently involves mainly digital techniques and the extensive use of computers: data acquisition, conditioning, visualization, elaboration, and quantification. The goal of this Special Issue is to present new methods and directions in the characterization of the microtopographic surface in relation to its material structure. Papers on the novelty of various surface topography measurement, analysis, and characterization techniques are expected, but papers on new perspectives on the characterization of engineering surfaces in production and tribological operation may also be accepted.

Guest Editors

Dr. Krzysztof Ciecieląg

Department of Production Engineering, Mechanical Engineering
Faculty, Lublin University of Technology, Nadbystrzycka 38D, 20-618
Lublin, Poland

Prof. Dr. Kazimierz Zaleski

Department of Production Engineering, Mechanical Engineering
Faculty, Lublin University of Technology, Nadbystrzycka 38D, 20-618
Lublin, Poland

Deadline for manuscript submissions

20 February 2026



Materials

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/246817

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)