



Trends on the Wood Materials and Technologies

Guest Editors:

Dr. Tomasz Krystofiak

Department of Wood Science
and Thermal Techniques, Faculty
of Forestry and Wood
Technology, Poznan University of
Life Sciences, Wojska Polskiego
28, 60-637 Poznan, Poland

Dr. Edward Roszyk

Department of Wood Science
and Thermal Techniques, Faculty
of Forestry and Wood
Technology, Poznan University of
Life Sciences, Wojska Polskiego
28, 60-637 Poznan, Poland

Deadline for manuscript
submissions:

closed (20 July 2023)

Message from the Guest Editors

Dear Colleagues,

The woodworking industry uses many materials to produce finished products with improved properties and increased resistance. Not only “dry” methods, e.g., using films, laminates, modified veneers, foams as cladding materials, but also “wet” methods, using varnish products, are used to finishing wood materials. Nanotechnology achievements are used to increase resistance to mechanical and thermal factors as well as for the safety of users. Considering the scarcity of wood, non-wood materials are of necessary interest. With regard to environmental protection aspects, it is necessary to use environmentally friendly materials. At the same time, the threat of environmental pollution requires the development of formulas for resins, adhesives, and lacquer products as well as the technology of their application and curing in the production of wood based materials and the construction of furniture and large-size elements. The obtained final products should show increased resistance to mechanical, thermal, and chemical factors. In case of defects, the use of retouching agents is proposed.





an Open Access Journal by MDPI

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

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.

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 & Metallurgical Engineering*) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

Materials Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/materials
materials@mdpi.com
[X@Materials_Mdpi](https://twitter.com/Materials_Mdpi)