



Structure and Properties of Crystalline Materials

Guest Editor:

Prof. Dr. Denis Vinnik

Laboratory of Single crystal
growth, South Ural State
University, 76, Lenin prospekt,
454080 Chelyabinsk, Russia

Deadline for manuscript
submissions:

closed (20 February 2022)

Message from the Guest Editor

Dear Colleagues,

Crystalline functional materials with strong correlation between crystal structure, chemical composition and physical properties, are very significant nowadays. The great study interest of such materials is due to the prospect of their applications to both the fundamental and practical sides. Chemical composition critically influences the structural parameters and functional properties in crystalline materials. The emergence of new technologies due to the development of modern science through theoretical and experimental results makes our world a better place. I kindly invite you to make a contribution to the Special Issue of *Materials* titled as “Structure and Properties of Crystalline Materials”.

Kind regards,

Prof. Denis Vinnik
Guest Editor





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)