



an Open Access Journal by MDPI

Feature Paper in Optical and Photonic Materials

Guest Editor:

Prof. Dr. Valery V. Tuchin

 Institute of Physics and Science Medical Center, Saratov State University, Saratov, Russia
Laboratory of Laser Molecular Imaging and Machine Learning, Tomsk State University, Tomsk, Russia
A.N. Bach Institute of Biochemistry, FRC
"Fundamentals of Biotechnology", Moscow, Russia

Message from the Guest Editor

Optics and photonics are sciences and technologies based on the interaction of photons from X-ray to ultraviolet, visible and infrared, and further to terahertz range with various materials. Optics and photonics require modern materials to create new light sources, light delivery devices, mirrors, fiber optics, etc. At the same time, optics and photonics provide precision processing of all types of materials using well-known and widely used technologies such as photolithography, laser printing, and laser engraving.

Deadline for manuscript submissions: closed (10 September 2023)









an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

 Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
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 iournal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites. advanced materials characterization, porous materials, manufacturing processes and svstems. 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