## **Special Issue**

# The 15th Anniversary of Materials—Recent Advances in Optical and Photonic Materials

## Message from the Guest Editor

This Special Issue will present and discuss modern advances and trends in the development of optics and photonics of various materials, as well as the features of the interaction of optical radiation with these materials, including nanomaterials, metamaterials, and biological materials. The collected articles will contribute to the promotion of promising ideas for the creation of new smart and controlled materials with unusual properties, which are urgently needed in modern industry and medicine. It is my great pleasure to invite you to submit a manuscript to this Special Issue. Full articles, letters, tutorials, and reviews are welcome.

### **Guest Editor**

Prof. Dr. Valery V. Tuchin

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

## Deadline for manuscript submissions

closed (31 December 2023)



an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/157034

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

mdpi.com/journal/ materials





an Open Access Journal by MDPI

Impact Factor 3.2 CiteScore 6.4 Indexed in PubMed





## 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

 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

## **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)