







an Open Access Journal by MDPI

# Thin, Ultra-Thin Films and 2D Materials

Guest Editors:

### Prof. Dr. Jean Paul Allain

### Dr. Teresa Aditya

- 1. Ken and Mary Alice Lindquist Department of Nuclear Engineering, Pennsylvania State University, University Park, PA 16802, USA
- 2. Department of Biomedical Engineering, Pennsylvania State University, University Park, PA 16802, USA

Deadline for manuscript submissions:

closed (20 September 2023)

# **Message from the Guest Editors**

The special issue of 'Thin Films, Ultra-Thin Films and 2D Materials' includes the latest developments and most emergent research of the engineering, processing and application of thin films, ultra-thin films coatings and 2D material. The low-dimensional state of materials and novel processing and synthesis techniques has resulted in an unprecedented development of complex, multifunctional materials with a broad set of properties including: magnetic, electronic, bioactive, mechanical, electrochemical, thermal, optical, radiative, and their combination, among many others.

The editors are encouraging of the latest research in this field which would be featuring the recent advancements and the future prospect in the field of surface engineering and material science.













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 iournal covers twenty-five comprehensive biomaterials, energy materials, advanced composites. advanced materials characterization, porous materials, manufacturing processes and systems. 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 - Q1 (Metallurgy and Metallurgical Engineering) / CiteScore - Q2 (*Condensed Matter Physics*)

### **Contact Us**

Materials Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/materials materials@mdpi.com X@Materials\_Mdpi