Special Issue

Noble Metals Doped Thin Films

Message from the Guest Editor

For many years, scientists have been attracted by noble metals and their properties. Nevertheless, only recent development of experimental techniques allowed us to design and characterize noble-metal-doped thin films. This multi-disciplinary research effort aims to develop a firm understanding of the properties of noble metals encapsulated within or deposited on the library of matrices at our disposal. This Special Issue aims to gather scientists working on the design of noble-metal-doped thin films and coatings for scientific and engineering applications. We seek contributions dealing with the design and fabrication of novel types of thin films and coatings containing or modified with noble metals for a broad range of applications. In this context, micro- and nanoscale experimental methods based on thin film preparation procedures as well as characterization methods based on microscopy and spectroscopy techniques allowing for a full understanding of the properties of noble-metal-doped thin films will be favored. Scientists are encouraged to present their contributions concerning noble-metal-doped thin films, including their practical applications.

Guest Editor

Prof. Ireneusz Piwoński

Department of Materials Technology and Chemistry, Faculty of Chemistry, University of Lodz, Pomorska 163, 90-236 Łódź, Poland

Deadline for manuscript submissions

closed (31 August 2021)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/36242

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

mdpi.com/journal/materials

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/journal/materials

About the Journal

Message from the Editorial Board

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.

Editors-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

Prof. Dr. Yuguang Ma
State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

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)

MDPI