Special Issue

Surface Properties of Thin Films

Message from the Guest Editor

Since W. Pauli's famous quote "God made the bulk; surfaces were invented by the devil", scientists have developed a large list of new techniques to study and even control surface properties. At present, new surfaces are created every day, allowing the tune of specific properties of materials at wish. Probably the most common approach to modify and control surface properties is the growth of thin films on different substrates. From organic self-assembled monolayers to inorganic epitaxial growth using pulsed laser deposition, thin films are created in research centers and companies for a wide range of applications, such as tribology, wetting control, electronic semiconductor devices, energy generation, optical coatings, etc. In this Special Issue, surface properties of thin films, from the strategies in their fabrication to tune the desired properties to the possible applications of new properties, are highlighted and discussed. It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.

Guest Editor

Prof. Albert Verdaguer

Functional surfaces and interfaces. Institut de Ciència de Materials de Barcelona (ICMAB-CSIC) Campus de la UAB, E-08193 Bellaterra, Spain

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

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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
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

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