Special Issue

Nanostructured C-Based Thin Films

Message from the Guest Editor

This Special Issue of *Materials* is dedicated to the most recent innovative studies on Carbon-based thin film properties. The interest of the scientific community in modifying thin films, i.e., after a functionalization step, is finalized to the improvement of their chemical and mechanical characteristics and relative range of applications. The main topics treated in this Special Issue will be:

- Thin-film Carbon-based functionalization
- Chemical reactivity of C-based thin films
- Graphene properties
- Graphene oxide and nanoparticles in polymeric materials
- Sensoristic applications of modified C-based thin films
- Biophysics applications in nanostructures embedded in C-based thin films
- Carbon–thin-film interface

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2021)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/26890

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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.

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