Special Issue

Fabrication and Characterization of Epitaxial, Heterostructures and Amorphous Thin Films

Message from the Guest Editors

The formation and characterization of thin films are today indispensable technologies for the development of materials' functionality and the discovery of new applications. Our ability to fabricate high-quality films, ranging from single atomic layer thicknesses up to several micrometers, has opened up a whole new industrial sector that is instrumental for building our future society with its ever-increasing demand on advanced services, energy efficiency and sustainability. This Special Issue, "Fabrication and Characterization of Epitaxial Heterostructures and Amorphous Thin Films", will gather frontline research in this cross-disciplinary field, where a basic knowledge and control of physical and chemical deposition mechanisms, paired with advanced measurement methods, are used for a broad spectrum of applications.

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Deadline for manuscript submissions

closed (20 August 2022)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/99157

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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.

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