Special Issue

CVD Deposition and Characterization of Multilayers and Thin Films

Message from the Guest Editor

Science and technology of thin films produced by CVD techniques, demonstrates a continuous progress due to the synthesis of new materials, adapting deposition parameters to demands of particular applications, better in situ control of reaction gas chemistry, and sophisticated methods for material characterization. CVD films are indispensable for the fabrication of electronic and photonic devices, surface coatings with special properties such as high hardness, wear and chemical resistance, low friction, superhydrophobicity, dielectric/conductive layers, bioactivity, and many others. This Special Issue will be devoted to all aspects related to CVD films: growth, characterization and applications, to present the state-of-the-art in this rapidly developing field, with a special focus on multilayer structures and interface phenomena. Original research papers and review articles related to these areas are cordially invited.

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2022)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
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mdpi.com/si/64255

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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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