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Thin Films: Growth, Characterization, and Optoelectronic Device Applications

Guest Editor:

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Deadline for manuscript
submissions:

closed (20 March 2022)

Message from the Guest Editor

Here we solicit manuscripts on growth, characterization, and resultant devices based on inorganic, organic, and hybrid metallic, insulating, and semiconducting thin films, with a focus on characterizing properties in device and device-like structures and understanding device performance.

Due to the range and types of optical and electronic device applications, including large area depositions in display and photovoltaic technologies, pixel scale geometries in sensors and integrated circuits, and functional optical and hard coatings, we encourage submission of manuscripts involving experimental and theoretical investigations of thin films exhibiting epitaxial, polycrystalline, or amorphous characteristics, including studies of surfaces, interfaces including subsurface modification, nanostructures, and bulk materials overdeposited with thin films or with surface modifications. Of particular interest are in situ studies of material growth evolution and device processing; characterization of structural, optical, and electrical properties of thin films in devices; novel deposition and material processing; and optoelectronic devices, including thin film photovoltaics and sensors.



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Special Issue



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Message from the Editor-in-Chief

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