Special Issue

Fabrication, Control and Application of Novel Magnetic Ultra-Thin Films and Hybrid Interfaces

Message from the Guest Editor

Recent advances in the emerging technologies of spintronics and related devices have attracted widespread attention, in which magnetic thin films are the essential building blocks. To broaden both the fundamental and applied scopes of these technologies, hybrid interfaces that integrate magnetic thin films with other material species, such as ferroelectric or multiferroic oxides, two-dimensional materials, organic molecules, etc., can be explored and exploited. To this end, the development of new thin-film growth and control strategies are expected to be vital. It is our pleasure to invite you to submit research articles, review papers, and short communications focused on novel hybrid interfaces and corresponding thin-film growth and control strategies for emerging spintronic and related technologies.

Guest Editor

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Deadline for manuscript submissions

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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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