Special Issue

Electrochemical Phase Formation of Materials and Its Modeling

Message from the Guest Editor

The development of concepts concerning electrochemical phase formation is necessary both for solving fundamental problems of modern science and for further progress in materials research. Understanding the general laws of electrochemical phase formation and studying electrocrystallization processes in each system using adequate theoretical models and experimental methods are important factors for effective control of the structure and morphology of the resulting materials, especially thin films and nanomaterials. The intention with this Special Issue of *Materials* is to provide a platform for exchanging new ideas and advances regarding the theoretical, experimental, and computational approaches for studying complex and multifaceted phenomenon such as electrochemical phase formation.

Guest Editor

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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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