

Special Issue

Thin Films and Coatings for Electrochemical Applications

Message from the Guest Editor

Thin films have been employed in many applications to provide surfaces that possess specific optical, electronic, electrochemical, chemical, mechanical, and thermal properties. The aim of this Special Issue is to present the latest research and development of electrochemical processes and devices that integrate thin film technologies, such as physical vapour deposition (PVD), chemical vapour deposition (CVD), and chemical solution deposition. This Special Issue is expected to contain a combination of original research papers and review articles from leading scientists and engineers around the world.

Guest Editor

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Deadline for manuscript submissions

closed (10 April 2025)



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Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano–alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

Editor-in-Chief

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