Special Issue

Nanostructured Materials: Preparation and Application in Electrochemistry

Message from the Guest Editor

Electrochemistry is a branch of , chemistry that studies the relationship between electrical and chemical changes caused by the passage of electric current and can be applied to various fields of physical, chemical, and biological sciences. Nanostructured materials are currently attracting increasing interest in the field of electrochemistry due to their favorable chemical/physical properties, including high electrical conductivity and unique electrochemical properties. This Special Issue is devoted to the research on different electrochemical aspects of nanostructured materials. In particular, emerging preparation methods and multifunctional applications of nanostructured materials are briefly summarized. This Special Issue would be a collection and organization for the articles and reviews from relevant scholars, with a view to showing readers cutting-edge studies in this field and promoting the development of this field. See more information in https://www.mdpi.com/si/156198

Guest Editor

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Deadline for manuscript submissions

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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.

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