Special Issue

Electrochemistry of Nanomaterials and/or Nanostructures

Message from the Guest Editor

New materials, such as carbon nanomaterials (graphene, graphene oxide, carbon nanotubes, carbon dots, etc.), transition metal dichalcogenides, MXenes, earth-abundant non-noble metal nanostructures, and other kinds of nanostructures, are receiving increasing attention due to their outstanding performance in many electrochemical reactions and processes of practical interest. Electrochemical sensing, fuel cells, metal–air batteries, electrochemical flow batteries, water splitting, optoelectronic devices, water remediation, and other critical processes are being propelled with the development of new nanomaterials and nanotechnology. Given the increasing importance and relevance of the electrochemical properties of nanomaterials in the aforementioned energy, sensing, environmental, and other promising applications, this Special Issue, "Electrochemistry of Nanomaterials and/or Nanostructures", in the journal *Nanomaterials* is open for the submission of manuscripts.

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.

Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones
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