

Special Issue

Functional Nanohybrid Material for Electrochemical Sensor Development

Message from the Guest Editor

The main focus of this Special Issue is on the development of electrochemical sensor-based combinations of materials such as nanowires, nanorods or any nanostructures combined with functionalized material, for example, polymer/metal–organic frameworks for better sensitivity and selectivity, as well as the application of sensors preferably on medical diagnostics, the environment, and agriculture.

Guest Editor

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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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