

## Special Issue

# Electrochemical Properties and Applications of Nanomaterials

### Message from the Guest Editor

This Special Issue on “Electrochemical Properties and Applications of Nanomaterials” will attempt to cover the most recent advances in nanostructures, concerning not only their synthesis and characterization, but especially their functional and smart properties to be applied in advanced sensing and detecting applications. The articles presented in this Special Issue will cover various topics, ranging from different techniques for their synthesis and morphological modification to the preparation of electrochemical sensors and their use in several areas of interest, such as environmental, industrial, and health-medical monitoring and sensing applications. Therefore, this Special Issue welcomes contributions from all researchers working on nanomaterials and their application in electrochemical sensing. It is our pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are welcome.

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### Guest Editor

Prof. Dr. Claudia Espro

Department of Engineering, University of Messina, Messina, Italy

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### Deadline for manuscript submissions

closed (20 February 2022)



## Nanomaterials

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones

School of Geography, Earth and Environmental Science, University of  
Birmingham, Birmingham B15 2TT, UK

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