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Synthesis and Characterization of Nanomaterials for Electrochemical Applications

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Message from the Guest Editors

Nowadays, many different synthetic approaches are available and, therefore, it is possible to design and develop new interesting nanomaterials or nanocomposites that can combine multifunctional properties easily adaptable to different areas of application.

The scope of this Special Issue, entitled “Synthesis and Characterization of Nanomaterials for Electrochemical Applications”, is to collect experimental research papers that can offer a detailed view of the research on the synthesis and characterization of novel nanostructured materials with peculiar electrochemical properties, able to face the current challenges related to environmental sustainability and energy production/conversion fields.

Articles that refer to carbon-based materials, transition metal-based compounds, 2D or 3D nanomaterials or nanocomposites are welcome. Green chemistry synthetic approaches and multifunctional materials will be of particular interest. As a researcher in the field, I would like to invite you to contribute enhancing the quality of this Special Issue.

Keywords

- nanostructure synthesis
- electrochemical application
- energy conversion
- catalysis
- multifunctional





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Message from the Editor-in-Chief

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