



Synthesis, Characterization and Applications of Metal Oxide Nanoparticles

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Message from the Guest Editors

We are pleased to present our Special Issue dedicated to highlighting the latest advances in the development of metal oxide nanoparticles (nMO).

These nanoparticles exhibit exceptional properties resulting from their precise size, special shape, and unique surface characteristics, so they are of great importance for a variety of scientific and industrial fields such as nanotechnology, materials science, and engineering. The incorporation of surfactants, polymers (natural or synthetic), and other additives into the synthesis routes of metal oxide nano/microstructures deserves special attention as they have a significant impact on the final properties.

The methods used for the identification and comprehensive analysis of metal oxides, such as spectroscopy, diffractometry, magnetometry, and microscopy, play a central role in investigating the behaviour, structure, and intrinsic properties of metal oxides at different levels.

We look forward to receiving contributions that provide valuable insights into this dynamic field of research.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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