



## Metal Oxide Nanostructures: Synthesis, Characterization and Applications

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Deadline for manuscript  
submissions:

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### Message from the Guest Editor

Dear Colleagues,

The Special Issue will cover various topics on metal oxide nanoparticles, including their synthesis, characterization and potential for environmental, energy, and medical applications, such as energy harvesting, permanent magnets, magnetocaloric for magnetic refrigeration technology, exchange bias for data storage, molecular magnets for quantum computers, water treatment, hyperthermia cancer therapy, drug delivery, and contrast agents for MRI. Metal oxide nanoparticles have been of interest for many decades due to their chemical and physical properties, including optical, magnetic, electrical, thermal transport, etc. The aim of this Special Issue to cover the state of the art of current innovative research on metal oxide nanoparticles, including experimental and theoretical studies. Therefore, recent results in different methods of synthesizing magnetic nanoparticles, their characterization, and their potential applications are welcome to be submitted.





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## Message from the Editor-in-Chief

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