



Metal Oxide Nanostructures: Recent Developments in Synthesis, Characterization and Applications

Guest Editor:

Prof. Dr. Ahmed A. El-Gendy

Department of Physics, University
of Texas at El Paso, El Paso, TX
79968, USA

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Message from the Guest Editor

The main topics of this Issue will be regarding the synthesis, characterization, and applications of innovative metal oxide nanostructures for energy harvesting, permanent magnets, magnetocalorics 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. Such applications are currently some of the most needed technologies, including needed solutions for health, energy, and clean water. Metal oxide nanostructures have been of interest for many decades due to their interesting chemical and physical properties that include optical, magnetic, electrical, thermal transport, etc. Therefore, the aim of this Special Issue is to cover the state-of-the-art of the current innovative research in metal oxide nanostructures, including experimental and theoretical studies.





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Editor-in-Chief

Prof. Dr. Takayoshi Kobayashi

Advanced Ultrafast Laser
Research Center, The University
of Electro-Communications, 1-5-
1, Chofugaoka, Chofu, Tokyo
182-8585, Japan

Message from the Editor-in-Chief

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Applied Sciences
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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