



Nano-Engineering of Functional Oxides: Synthesis, Functional Properties and Applications

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Message from the Guest Editors

The Special Issue, “Nano-Engineering of Functional Oxides: Synthesis, Functional Properties and Applications”, will address developments in the smart design and advanced characterization of functional nanoscale oxide materials and devices for nano-electronics, data storage, energy conversion/storage, sensors, transducers and actuators, among other applications. Oxide nanostructures have been demonstrated to be useful functional components for a variety of nanoscale devices. This Special Issue at the interface between nanocharacterization and top-down and bottom-up nanofabrication techniques will address a variety of skills, ranging from the synthesis of 1D, 2D and 3D functional oxides nanostructures to the design of sensors and harvesting energy devices, through advanced structural and physical characterizations at the nanoscale. Thus, articles and reviews dealing with chemical and physical thin film deposition, inorganic chemistry, magnetism, piezoelectrics, ferroelectrics and multiferroics are welcome.





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Message from the Editor-in-Chief

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