Special Issue

Synthesis, Characterization, and Application of Functional Materials

Message from the Guest Editor

Functional materials in forms of thin films, rods, wires, sheets, etc. have opened the door to a revolution in the field of functional devices, making them one of the most studied materials due to their unique intrinsic optical, electrical, mechanical, photoelectric, and chemical/physical sensing features. Several design approaches including microstructural control, doping, composite structures etc., have attracted the attention of scientists in synthesizing functional materials in many fields of application with improved functionality. This Special Issue on “Synthesis, characterization, and application of functional materials” will attempt to cover the most recent advances in process-dependent properties of functional materials, concerning not only correlations between synthesis and characterization but also process design strategy for their enhanced functional and smart properties to be applied in various scientific fields. This Special Issue welcomes contributions from all researchers working on the synthesis of functional materials and on design strategy for their enhanced characterization and properties.

Guest Editor

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Deadline for manuscript submissions

closed (15 October 2021)

Processes

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.5

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Editor-in-Chief

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