Special Issue

Mixed Metal Oxides

Message from the Guest Editor

Developments in materials science have brought us to another level of understanding of properties of mixed-metal oxides. Many synthesis methods used for the fabrication of different multinary oxide systems require extensive procedures, elevated temperatures and lengthy treatments. These processing conditions do not allow facile control over micro-structure, grain size and grain size distribution in the resulting powders or shapes. Owing to such wide and diverse application potentials of mixed-metal oxides, chemical routes for the preparation of pure and/or homogeneously doped different systems are highly desirable. The scope of this Special Issue of Inorganics is focused on the synthesis, characterization and application of mixed-metal oxides and related materials, which are important in biomedicine, optoelectronics, catalysis, conservation and restoration of cultural heritage, and related industrial areas. The field of the research in application of soft chemistry approaches in the synthesis of various advanced multifunctional materials, bulk and thin films, are very much appreciated.

Guest Editor

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Inorganic chemistry remains a lynchpin of modern chemistry, not only embracing the function and reactivity of combinations of most elements of the periodic table, but also providing a footing for studies of materials, catalysts, drugs, fuels and industrial chemicals. Arguably, the role and reach of inorganics in society have never been as great as today. Adventurous research at the heart and at the extremes of inorganic chemistry is vital to further advances and Inorganics offers authors the opportunity to publish exciting new research in an open access format.

Editor-in-Chief

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